

**ANNOTATED CHECKLIST OF THE VASCULAR PLANTS OF WALKER,
MONTGOMERY, AND SAN JACINTO COUNTIES, EAST TEXAS**

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ABSTRACT

An annotated checklist is provided of the vascular plant species of Walker, Montgomery, and San Jacinto counties of southeast Texas, an area totaling 2450 square miles and completely including the Sam Houston National Forest. Most of the three-county area is within the "Pineywoods" Texas Natural Region; smaller portions are within three other Natural Regions: the "Blackland Prairie," "Oak Woods and Prairies," and "Gulf Coastal Prairie." A total of 1373 species in 623 genera and 160 families are recorded. Distribution records are documented individually by county, either with the herbarium repository of a voucher specimen or a literature citation. Asteraceae is the largest family in the flora with 170 species; next largest are Poaceae (155 species), Fabaceae (120 species), and Cyperaceae (105 species). The largest genera are *Carex* with (37 species), *Cyperus* (18 species), *Rhynchospora* (17 species), *Desmodium* and *Eleocharis* (15 species), *Dichanthelium* and *Juncus* (14 species), *Eupatorium*, *Sympyotrichum*, and *Trifolium* (11 species), *Ludwigia* (10 species), *Hypericum*, *Paspalum*, *Solidago*, and *Viola* (9 species), *Eragrostis*, *Helianthus*, *Panicum*, *Polygonum*, and *Ranunculus* (8 species), and *Chamaesyce*, *Crataegus*, *Euphorbia*, *Lespedeza*, *Liatris*, *Oenothera*, *Scutellaria*, *Sisyrinchium*, *Smilax*, and *Solanum* (7 species).

KEY WORDS: floristics, Texas, checklist

This checklist provides a preliminary summary of the vascular plant species known to occur in Walker, Montgomery, and San Jacinto counties, Texas. It also provides a guide to species that may be found within the Sam Houston National Forest, whose

boundary lies completely within these three counties. It seems likely that the number of species in the checklist may be expanded at least 10% as specialized habitats (especially wetland and deep sand) are studied in more detail. We believe, however, that the broad floristic outline is indicated here.

The three-county flora includes 1373 species in 160 families and 623 genera. The average number of species per genus is 2.2. Asteraceae is the largest family in the flora with 170 species; next largest are Poaceae (155 species), Fabaceae (120 species), and Cyperaceae (105 species). Other families are significantly smaller (e.g., Lamiaceae with 39 species, Euphorbiaceae with 37, Scrophulariaceae with 34, Apiaceae with 30, Rosaceae with 26, Onagraceae with 24, Fagaceae with 21, and Ranunculaceae and Rubiaceae with 18). The largest genus, by far, is *Carex* with 37 species. Other relatively large genera are as follows: *Cyperus* (18 species), *Rhynchospora* (17 species), *Desmodium* and *Eleocharis* (15 species), *Dichanthelium* and *Juncus* (14 species), *Eupatorium*, *Sympyotrichum*, and *Trifolium* (11 species), *Ludwigia* (10 species), *Hypericum*, *Paspalum*, *Solidago*, and *Viola* (9 species), *Eragrostis*, *Helianthus*, *Panicum*, *Polygonum*, and *Ranunculus* (8 species), and *Chamaesyce*, *Crataegus*, *Euphorbia*, *Lespedeza*, *Liatris*, *Oenothera*, *Scutellaria*, *Sisyrinchium*, *Smilax*, and *Solanum* (7 species).

Documentation for the occurrence of each taxon is indicated by a symbol for its county or counties of occurrence. Voucher specimens for most of the records are deposited in SHST (Sam Houston State University, Huntsville) and SBSC (Spring Branch Science Center, Houston), the identities of these verified by Nesom and Brown. Some records (as indicated) are taken from other herbaria and from literature, and detailed surveys of other Texas herbaria undoubtedly will provide additional records.

The comprehensive treatment of Correll & Johnston (1970) remains the primary basis for assessments of the Texas flora. Recent nomenclatural updates (Johnston 1989; Hatch *et al.* 1990) also have been useful. Nomenclature in the current checklist mostly follows Jones *et al.* (1996) and Kartesz (in Kartesz & Meachum 1998). Where the primary entry in the current checklist differs from the latter two references, other currently used names are provided as synonyms.

A 1978 fire destroyed most of the plant collection at SHST, which had been amassed over a number of decades by S.R. Warner (primarily for Walker County) and served as the basis of knowledge for the local flora. Fortunately, a checklist and summary of the Walker County plants (including 643 species) was prepared in 1977 by Tom Zimmerman (unpublished), based on Warner's field notes and herbarium specimens. Warner's studies of the Walker County flora included particular attention to the relationship of plant distribution to soil type, this information included in Zimmerman's compilation. Warner made careful identifications, but a small set of taxa said by Warner to occur in Walker County were probably based on misidentifications or earlier taxonomic interpretations: these are noted below. Most of the species recorded by Warner have been recollected for SHST since the 1978 herbarium fire; 61 remain to be recollected. The more recent additions to SHST have been made since 1978 primarily by Claude McLeod, Michael Warnock, Guy Nesom, and various students. James Kessler added many regional collections of Cyperaceae and other taxa in the mid 1970's. Kathy Nelson (1996) added and summarized records for Asteraceae of Walker County.

Herbarium SBSC is part of the Spring Branch Science Center of the Spring Branch Independent School District in Houston. It is the largest herbarium in southeast Texas, with over 31,000 specimens of vascular plants. The herbarium was begun by R.A. Vines, but more than half of the collections are those of Larry Brown, as it now serves as the primary repository for vouchers for Brown's floristic investigations of the Houston area and southeast Texas. Among these studies, an annotated checklist of Harris County (including Houston) and the eight counties contiguous with it (including Montgomery County) is currently in preparation.

A published florula of the Little Thicket Nature Preserve (Peterson & Brown 1983; San Jacinto County, 650 acres, 485 species, including keys) is very helpful. A number of records from San Jacinto County on the present list are documented by Little Thicket vouchers in SBSC.

A checklist of the vascular species of Huntsville State Park (2122 acres, 320 species) is maintained by the Texas Parks & Wildlife Department (Singhurst 1998). This summary is based originally on a list prepared by Claude McLeod in 1976, with additions and revisions by TP&WD personnel, including recent collections by Jason Singhurst. Specimens documenting a number of these HSP records are deposited in BAYLU (Baylor University) and SHST.

Treatments of the Texas species of legumes (Turner 1959) and ferns and fern allies (Correll 1956) also have furnished additions to the present checklist not documented by specimens in SHST, as does a treatment of Asteraceae for Texas (Turner unpublished). Carr (1994) conducted a floristic study of blackland prairie openings within the Sam Houston National Forest, these records partly documented by specimens deposited at TEX. A few records have been taken from various other published references, as specifically indicated within the list.

Description of the area

Walker County covers about 505,600 acres (790 square miles), Montgomery County about 697,000 acres (1089 square miles), and San Jacinto County about 365,250 acres (571 square miles), the whole area totaling about 1,568,000 acres (2450 square miles). Sam Houston National Forest includes about 161 thousand acres (about 1/10 the total area). Tracts that most nearly approach being "natural areas" (the least disturbed, with the highest species diversity) are Huntsville State Park (2100 acres in Walker County), Lake Houston State Park (4900 acres partly in Montgomery County), several relatively small, privately owned nature preserves in San Jacinto County, and two "Scenic Areas" and one "Wilderness Area" within SHNF that are currently somewhat exempted from the otherwise heavy economic orientation of timber management in the National Forest. Otherwise, much of the private land also is heavily managed for timber production and there is much rural "development" in the form of housing, ranching, and farming. Conroe and The Woodlands (Montgomery Co.), and Huntsville (Walker Co.) are the largest urban areas.

The Trinity River flows across the northern tip of Walker County and then forms the north and eastern boundary of San Jacinto County, where it is impounded as Lake Livingston. The East Fork and West Fork of the San Jacinto River flow southward

through the area – the latter is the primary input for Lake Conroe in Walker and Montgomery County. Several variants of bottomland hardwood communities, highly disturbed for the most part, occur along these and other rivers and creeks.

The climate of the three-county area is hot; daily high temperatures from May through October commonly are above 90 degrees Fahrenheit. The area receives an average range of about 43–48 inches of rainfall annually.

Soils in the three-county area were deposited in the Tertiary and Quaternary periods. The largest areas are Pliocene and Pleistocene sands (Willis, Bentley, and Beaumont Formations), often with a clay subsoil. Clay prairies in Walker and Montgomery counties and clay inclusions (all three counties) within the sandy areas of pine-oak forest are Fleming Formation (Miocene). Sandstone outcrops in Walker County are Catahoula Formation (Miocene) -- most of the large outcrops have been removed by quarrying. Alluvial deposits of the larger rivers are extensive in places.

General nature of the vegetation

Parts of Walker County and Montgomery counties are within the "Blackland Prairie" Natural Region (*sensu* LBJ School of Public Affairs 1978). Small, discrete patches of prairie vegetation on clay substrate extend eastward across the region as inclusions within the pine-hardwood forests. These prairie inclusions are strongly predictable in floristic composition (Carr 1993) and are most similar in vegetation to the "Fayette Prairie" (Smeins and Diamond 1983) immediately west of the area. Much of the western half of Walker County is "Oak Woods & Prairies (Oak Woodlands)" Natural Region. The southern extremity of Montgomery County lies in the "Gulf Coastal Prairie" Natural Region.

Most of the three-county area, however, is within the "Pineywoods" Natural Region. Because of the prevalence of timber management, pines usually are dominant, either as plantations or mixed with various combinations of hardwoods. A few white oak and laurel oak dominated stands can be found on mesic slopes in Sam Houston National Forest. Stands of scrubby post oak - blackjack oak, however, which typically occur on xeric ridges, have almost all been replaced by roads or managed pine stands.

Walker and Montgomery counties lie essentially at the southwestern corner of the Eastern Deciduous Forest, the relatively sharp vegetational change to prairie molded by rapidly decreasing precipitation (westward) and an abrupt transition from primarily sandy soils to the prairie clays. A conspicuous set of woody species reaches the western maximum of its distribution in Walker County (e.g., sweetgum, red maple, southern magnolia, cherry laurel, nutmeg hickory, the two hornbeam species, sassafras, fringetree, silverbell, witch hazel, dwarf chinquapin, black oak, white oak, and swamp chestnut oak). Other Walker County species are near their western distributional limit (e.g., shortleaf and loblolly pine, dogwood, black gum, white ash, persimmon, bitternut hickory, water hickory, river birch, southern red oak, willow oak, and overcup oak). Eastern Montgomery County and a major part of San Jacinto County lie within the "Big Thicket" region (*sensu* McLeod 1971). Walker County is significantly drier than these areas and the geographic distribution of many species does not cross westward into Walker County (e.g., beech, laurel oak, longleaf pine,

sweetbay, redbay, maple-leaved viburnum, horsesugar, gallberry holly, pepperbush, titi, and sweetspire (Nesom 1998; Nesom *et al.* 1997).

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CHECKLIST

Symbols for documentation of distribution

W = Walker County: voucher SHST; W = voucher SBSC

M = Montgomery County: voucher SHST; M = voucher SBSC

J = San Jacinto County: voucher SHST; J = voucher SBSC

(astc, brch, mich, sbsc, smu, taes, tex) = acronyms for other herbaria or voucher repository

(mercer) = herbarium of Mercer Arboretum, Humble, Texas

W(reference), M(reference), or J(reference) = literature report

*J = added from Peterson & Brown (1983)

P = added from survey of blackland prairie inclusions (Walker Co.; Carr 1994)

H = added from Huntsville State Park list (Walker Co.; Singhurst 1998)

0 = added from Warner checklist for Walker County (Zimmerman 1977): no SHST voucher

*[species] = no voucher known for any of the three counties

FERNS

ASPLENIACEAE

Asplenium platyneuron (L.) B.S.P. WMJ

AZOLLACEAE

Azolla caroliniana Willd. WM

BLECHNACEAE

Woodwardia areolata (L.) Moore WM(Correll 1956)J

SYN= *Lorinseria areolata* (L.) Presl

DENNSTAEDTIACEAE

Pteridium aquilinum (L.) Kuhn WM(Correll 1956)J

DRYOPTERIDACEAE

Athyrium filix-femina (L.) Roth WM(Correll 1956)J

Onoclea sensibilis L. WM(Correll 1956)J

Polystichum acrostichoides (Michx.) Schott WMJ

Woodisia obtusa (Spreng.) Torr. W(Correll 1956)

LYGODIACEAE

Lygodium japonicum (Thunb. ex Murr.) Sw. WMJ

OPHIOGLOSSACEAE

Botrychium dissectum Spreng. WM(Correll 1956)*J

Botrychium lunariaeoides (Michx.) Sw. W

Botrychium virginianum (L.) Sw. W

Ophioglossum crotalophoroides Walt. WI

Ophioglossum engelmannii Prantl W

OSMUNDACEAE

Osmunda cinnamomea L. WJ

Osmunda regalis L. WMJ

POLYPODIACEAE

Pleopeltis polypodioides (L.) Andrews & Windham WMJ

SYN= *Polypodium polypodioides* (L.) Watt

PTERIDACEAE

- Cheilanthes alabamensis* (Buckl.) Kunze W
Cheilanthes tomentosa Link W
Pellaea atropurpurea (L.) Link W
Pteris multifida Poir. M(Correll 1956)

THELYPTERIDACEAE

- Thelypteris kunthii* (Desv.) Morton WM(Correll 1956)J
SYN= *Thelypteris normalis* (C. Chr.) Moxley
Thelypteris × versicolor St.John J(Correll 1956)
SYN= *Thelypteris quadrangularis* (Fée) Schelpe var. *versicolor* (St.John) A. Smith
SYN= *Thelypteris hispidula* (Decne.) C.F. Reed var. *versicolor* (St.John) Lellinger

FERN ALLIES**EQUISETACEAE**

- Equisetum laevigatum* A. Br. WM

ISOETACEAE

- Isoetes melanopoda* Gay & Durieu ex Durieu W

LYCOPODIACEAE

- Lycopodiella appressa* (Chapm.) Cranfill J
SYN= *Lycopodium appressum* (Chapm.) Lloyd & Underwood

SELAGINELLACEAE

- Selaginella apoda* (L.) Spring WM(Correll 1956)J
Selaginella arenicola Underwood subsp. *riddellii* (Van Eselt) Tryon W
SYN= *Selaginella riddellii* Van Eselt

GYMNOSPERMS**PINACEAE**

- Pinus echinata* P. Mill. WMJ
Pinus elliottii Engelm. WM[fide C&J 1970] J
Pinus palustris P. Mill. J
Pinus taeda L. WJ

TAXODIACEAE

- Taxodium distichum* (L.) Rich. W*J

CUPRESSACEAE

- Juniperus virginiana* L. WJ
Thuja orientalis L. W

MONOCOTS**AGAVACEAE***Manfreda virginica* (L.) Salisb. WJSYN= *Agave virginica* L.SYN= *Polianthes virginica* (L.) Shinners*Yucca flaccida* Haw. W*Yucca louisianensis* Trel. W*J*Yucca treculeana* Carr. W**ALISMATACEAE***Sagittaria graminea* Michx. WMJ*Sagittaria latifolia* Willd. WJ*Sagittaria papillosa* Buch. M**AMARYLLIDACEAE***Cooperia drummondii* Herb. WJ*Cooperia pedunculata* Herb. M*Crinum bulbispermum* (Burm.) Milne-R. & Schw. W*Habranthus tubispathus* (L'Herit.) Traub WMSYN= *Habranthus texanus* (Herb.) Steud.*Hymenocallis liriosme* (Rafin.) Shinners WJ*Leucojum aestivum* L. W*Manfreda virginica* (L.) Salisb.SYN= *Polianthes virginica* (L.) Shinners WJ*Narcissus* sp. W**ARACEAE***Arisaema dracontium* (L.) Schott WJ*Arisaema triphyllum* (L.) Schott OJ*Colocasia esculenta* (L.) Schott W*Peltandra virginica* (L.) Schott W*Pistia stratiotes* L. M*Xanthosoma sagittifolium* (L.) Schott W**ARECACEAE***Sabal minor* (Jacq.) Pers. WMJ**BROMELIACEAE***Tillandsia recurvata* (L.) L. W*Tillandsia usneoides* (L.) L. WMJ**BURMANNIACEAE***Apteria aphylla* (Nutt.) Barnh. ex Small J*Burmannia biflora* L. J**COMMELINACEAE***Callisia repens* (Jacq.) L. W*Commelina communis* L. WJ*Commelina erecta* L. WM*J*Commelina virginica* L. WMJ

Tinantia anomala (Torr.) C.B. Clarke W

Tradescantia hirsutiflora Bush W*J

Tradescantia ohiensis Rafin. W

Tradescantia reverchonii Bush W

CYPERACEAE

Bulbostylis capillaris L.) C.B. Clarke M(Kral 1971)

Bulbostylis ciliatifolia (Ell.) Fern. var. *coarctata* (Ell.) Kral WM(brch)*J

Carex abscondita Mack. WM(brch)J

Carex albicans Willd. ex Spreng. var. *australis* (Bailey) Rettig WMJ(taes)

SYN= *Carex physorhyncha* Liebm. ex Steud.

Carex albolutescens Schwein. WMJ

Carex corrugata Fern. W*J

SYN= *Carex amphibola* Steud. misappl.

Carex crebriflora Wieg. J

Carex basiantha Steud. WJ(smu)

SYN= *C. willdenowii* Schkuhr. ex Willd. misappl.

Carex blanda Dewey W*J

Carex brevior (Dew.) Mack. ex Lunell W(brch)MJ(taes)

Carex bushii Mack. WMJ

Carex caroliniana Schwein. W*J

Carex cephalophora Muhl. ex Willd. H*J

Carex cherokeensis Schwein. WMJ

Carex comosa Boott W

Carex complanata Torr. & Hook. WMJ

Carex crus-corvi Shuttlew. ex Kuntze WJ

Carex debilis Michx. WJ

Carex digitalis Schkuhr ex Willd. var. *asymmetrica* Fern. WJ

Carex emoryi Dewey W(brch)

Carex fissa Mack. var. *fissa* W(mich)

Carex flaccosperma Dewey WMJ

Carex frankii Kunth WMJ

Carex glaucescens Ell. J

Carex hyalina Boott WM(brch)

Carex intumescens Rudge WMJ

Carex joorii Bailey J(brch)

Carex leavenworthii Dewey WM(tex)J(smu)

Carex leptalea Wahl. WMJ

Carex longii Mack. M(taes)

Carex louisianica Bailey WM(mich)J

Carex lupuliformis Sartw. ex Dewey M

Carex lupulina Muhl. ex Willd. WMJ

Carex lurida Wahl. WMJ

Carex meadii Dew. W

Carex microdonta Torr. & Hook. WM(smu)

Carex microrhyncha Mack. W(taes)

Carex muhlenbergii Schkuhr. ex Willd. W*J

Carex oxylepis T. & H. WJ

Carex retroflexa Muhl. ex Willd. WM*J

Carex socialis Mohl. & Schwegm. W(brch)

Carex striatula Michx. W

- Carex texensis* (Torr.) Bailey W(brch)J(taes)
Carex triangularis Boeckl. WMJ(taes)
Carex tribuloides Wahlenb. var. *sangamonensis* Clokey WJ
Carex verrucosa Muhl. M(brch)J(brch)
Carex vulpinoidea Michx. M
Cyperus articulatus L. W
Cyperus croceus Vahl M(taes)J(brit)
Cyperus echinatus (L.) Wood WMJ
 SYN= *Cyperus ovularis* (Michx.) Torr.
Cyperus entrerianus Bockler M(taes)
Cyperus erythrorhizos Muhl. WJ
Cyperus esculentus L. WJ
Cyperus filiculnis Vahl HM(Marcks 1972)
Cyperus haspan L. WM
Cyperus hystricinus Fern. WJ
Cyperus iria L. M(brit)
Cyperus ochraceus Vahl H
Cyperus odoratus L. var. *squarrosum* (Britt.) Jones et al. MJ
Cyperus plukenetii Fern. WJ
Cyperus polystachyos Rottb. WM
Cyperus pseudovegetus Steud. WMJ
Cyperus retroflexus Buckl. var. *retroflexus* W(taes)M(mich)J
Cyperus retrorsus Chapm. WMJ
Cyperus rotundus L. WMJ
Cyperus squarrosum L. M
 SYN= *Cyperus aristatus* Rottb.
Cyperus strigosus L. WMJ
Cyperus surinamensis Rottb. M(smu)
Cyperus thrysiflorus Jungh. W
Cyperus virens Michx. WMJ
Eleocharis acicularis (L.) R. & S. W
Eleocharis albida Torr. W
Eleocharis atropurpurea (Retz.) Presl M
Eleocharis equisetoides (Ell.) Torr. M
Eleocharis interstincta (Vahl) R. & S. M
Eleocharis palustris (L.) R. & S. WM
 SYN= *Eleocharis macrostachya* Britt.
Eleocharis microcarpa Torr. MJ
Eleocharis montana (Kunth) R. & S. M
Eleocharis montevidensis Kunth WM(smu)J(mich)
Eleocharis obtusa (Willd.) Schultes WMJ
Eleocharis olivacea Torr. W
Eleocharis parvula (R. & S.) Link WM
Eleocharis quadrangulata (Michx.) R. & S. WM(mich)
Eleocharis radicans (Dietr.) Kunth W
Eleocharis tortilis (Link) Schultes WMJ
Eleocharis tenuis (Willd.) Schultes WM
 SYN= *Eleocharis verrucosa* (Svens.) Harms
Eleocharis vivipara Link W
Fimbristylis autumnalis (L.) R. & S. WMJ
Fimbristylis decipiens Kral M(brch)

- Fimbristylis miliacea* (L.) Vahl WM(brch)J
Fimbristylis puberula (Michx.) Vahl var. *puberula* W
Fimbristylis vahlii (Lam.) Link WM(taes)J
Fuirena breviseta (Cov.) Cov. M
Fuirena simplex Vahl WM
Fuirena squarrosa Michx. WM
Isolepis carinata Hook. & Arn. ex Torr. WM
 SYN= *Scirpus koilolepis* (Steud.) Gl.
Isolepis molesta (M.C. Johnston) S.G. Sm. M
 SYN= *Scirpus molestus* M.C. Johnston
Kyllingia brevifolia Rottb. WM(taes)
 SYN= *Cyperus brevifolius* (Rottb.) Hassk.
Kyllingia punila Michx. WMJ
 SYN= *Cyperus tenuifolius* (Steud.) Dandy
Rhynchospora caduca Ell. WMJ
Rhynchospora capitellata (Michx.) Vahl J
Rhynchospora colorata (L.) H. Pfeiffer W
 SYN= *Dichromena colorata* (L.) Hitchc.
Rhynchospora corniculata (Lam.) Gray WMJ
Rhynchospora divergens M.A. Curtis M(Correll & Correll 1975)
Rhynchospora filifolia Gray M(tex)
Rhynchospora globularis (Chapm.) Small WMJ
Rhynchospora glomerata (L.) Vahl WMJ
Rhynchospora grayi Kunth W
Rhynchospora harveyi Boott W
Rhynchospora inexpansa (Michx.) Vahl WMJ
Rhynchospora microcarpa Baldw. ex Gray W
Rhynchospora miliacea (Lam.) Gray W
Rhynchospora mixta Britt. M
Rhynchospora nivea Bock. W(us)
Rhynchospora perplexa Britt. MJ
Rhynchospora rariflora (Michx.) Ell. *J
Rhynchospora recognita (Gale) Kral W(taes)
Schoenoplectus pungens (Vahl) Palla var. *pungens* W(taes)
Scirpus cyperinus (L.) Kunth WM(taes)J
Scirpus pendulus Muhl. WJ SYN= *Scirpus lineatus* Michx. misappl.
Scleria ciliata Michx. WM
Scleria oligantha Michx. W*J
Scleria pauciflora (Torr.) A. Nelson W(taes)
Scleria triglomerata Michx. WM

DIOSCOREACEAE

- Dioscorea bulbifera* L. M
Dioscorea villosa L. WJ

ERIOCAULACEAE

- Eriocaulon decangulare* L. WM

HYDROCHARITACEAE

- Hydrilla verticillata* Royale WM
Linnobium spongia (Bosc.) Steud. M

HYPOXIDACEAE

- Hypoxis hirsuta* (L.) Cov. WMJ
Hypoxis curtissii Rose J(sbsc)
Hypoxis wrightii (Baker) Brackett W(tex)J(sbsc)

IRIDACEAE

- Alophia drummondii* (Grah.) R.C. Foster W
Iris hexagona Walt. MJ
Iris pseudacorus L. M
Iris virginica L. W
Nemastylis geminiflora Nutt. WM
Sisyrinchium angustifolium Mill. *J
Sisyrinchium exile Bickn. WM*J
Sisyrinchium langloisii Greene WMJ
Sisyrinchium minus Engelm. & Gray W
Sisyrinchium rosulatum Bickn. WI
Sisyrinchium sagittiferum Bickn. WJ
Sisyrinchium texanum Bickn. WM

JUNCACEAE

- **Juncus acuminatus* Lam. O
Juncus brachycarpus Engelm. WM
Juncus bufonius L. M
Juncus capitatus Weigel WM
Juncus coriaceus Mack. WM*J
Juncus dichotomus Ell. WM
Juncus diffusissimus Buckley WMJ
Juncus effusus L. WMJ
Juncus marginatus Rostk. WM*J
Juncus nodatus Cov. J
Juncus repens Michx. WMJ
Juncus scirpoides Lam. WM*J
Juncus tenuis Willd. W*J
Juncus validus Cov. WMJ
Luzula bulbosa (Wood) Rydb. WMJ

LEMNACEAE

- Lemna perpusilla* Torr. W
Lemna valdiviana Phil. W
Spirodela polyrhiza (L.) Schleid. W
Spirodela punctata (Mey.) Thomps. W
 SYN= *Spirodela oligorhiza* (Kurtz) Hegelm.
Wolfia brasiliensis Wedd. W
 SYN= *Wolfia papulifera* Thomps.

LILIACEAE

- Allium canadense* L. var. *canadense* WM*J
Allium drummondii Regel W*J

Allium mobilense Regel WM

SYN= *Allium canadense* L. var. *mobilense* (Regel) M. Ownbey

Asparagus officinalis L. W

Camassia angusta (Engelm. & Gray) Blankinsh. W

Nothoscordum bivalve (L.) Britt. WMJ

Polygonatum biflorum (Walt.) Ell. *J

Schoenolirion wrightii Sherman W

SYN= *Schoenolirion texanum* (Scheele) A. Gray

Stenanthium gramineum (Ker-Gawl.) Morong W

Trillium gracile Freeman J

MAYACACEAE

Mayaca fluviatilis Aublet J

SYN= *Mayaca aubletii* Michx.

NAJADACEAE

Najas guadalupensis (Spreng.) Magnus W

ORCHIDACEAE

Corallorrhiza wisteriana Conrad HOM*J

Habenaria repens Nutt. J

SYN= *Platanthera repens* (Nutt.) Wood

Listera australis Lindl. W*J

Platanthera ciliaris (L.) Lindl. M

SYN= *Habenaria ciliaris* (L.) R. Br. ex Ait. f.

Platanthera clavellata (Michx.) Luer J

SYN= *Habenaria clavellata* (Michx.) Spreng.

Platanthera cristata (Michx.) Luer M(Correll 1944)

Ponthieva racemosa (Walt.) Mohr J

Spiranthes cernua (L.) Richard WJ

Spiranthes gracilis (Bigel.) Beck WJ

SYN= *Spiranthes lacera* var. *gracilis* (Bigel.) Luer

Spiranthes tuberosa Rafin. W*J

SYN= *Spiranthes grayi* Ames

Spiranthes praecox (Walt.) S. Wats. *J

Spiranthes vernalis Engelm. & Gray WM

Tipularia discolor (Pursh) Nutt. HM(sight)J

Triphora trianthophora (Sw.) Rydb. J(Hartman 1974)

POACEAE

**Agrostis elliotiana* Schult. *J

Agrostis hyemalis (Walt.) B.S.P. WJ

Agrostis perennans (Walt.) Tuckerm. *J

Aira caryophyllea L. *J

Aira elegans Willd. ex Kunth WMJ

SYN= *Aira caryophyllea* var. *capillaris* A. Mute

Andropogon gyrans Ashe W

SYN= *Andropogon ellottii* Chapm.

Andropogon gerardii Vitman W

Andropogon glomeratus (Walt.) B.S.P. WJ

- Andropogon ternarius* Michx. W
Andropogon virginicus L. W
Aristida lanosa Ell. W
Aristida longispica Poir. var. *geniculata* (Rafin.) Fern. M*J
Aristida oligantha Michx. WMJ
Aristida purpurascens Poir. W
Aristida purpurea Nutt. var. *longiseta* (Steud.) Vasey W
 SYN= *Aristida longiseta* Steud.
Arundinaria gigantea (Walt.) Muhl. WM(mercer)J
Arundo donax L. M
Avena sativa L. WM
 SYN= *Avena fatua* L. var. *sativa* (L.) Hausskn.
Axonopus fissifolius (Raddi) Kuhlm. WM
 SYN= *Axonopus affinis* Chase
 **Axonopus furcatus* (Fluegge) Hitchc. 0
Bothriochloa ischaemum (L.) Keng W*J
Bothriochloa laguroides (DC.) Herter subsp. *torreyana* (Steud.) Allred & Gould
 WJ
 SYN= *Bothriochloa saccharoides* (Sw.) Rydb.
Bouteloua curtipendula (Michx.) Torr. WJ
Bouteloua hirsuta Lag. WJ
Bouteloua rigidiseta (Steud.) Hitchc. WJ
Briza minor L. WMJ
Bromus japonicus Thunb. WM
Bromus pubescens Muhl. ex Willd. W
Bromus secalinus L. WM
Bromus catharticus Vahl WMJ
 SYN= *Bromus unioloides* (Willd.) Kunth
 **Cenchrus echinatus* L. 0
Cenchrus spiniflex Cav. WMJ
 SYN= *Cenchrus incertus* Curtis
Chasmanthium latifolium (Michx.) Yates WMJ
Chasmanthium laxum (L.) Yates WMJ
Chasmanthium sessiliflorum (Poir.) Yates WMJ
Chloris cucullata Bisch. W
Chloris subdolichostachya Muller W
Coelorachis rugosa (Nutt.) Nash M
Cortaderia selloana (Schultes) Asch. & Graebn. W
 SYN= *Cortaderia dioica* (Spreng.) Spreng.
Cynodon dactylon (L.) Pers. W*J
Cynosurus echinatus L. W
Dactylis glomerata L. M
 **Dactyloctenium aegypticum* (L.) Willd. 0
Desmazeria rigida (L.) Tutin H
 SYN= *Catapodium rigidum* (L.) Hubbard ex Dony
Dichanthelium aciculare (Desv. ex Poir.) G. & Cl. WJ
 SYN= *Dichanthelium angustifolium* (Ell.) Gould
Dichanthelium acuminatum (Sw.) Gould & Clark WMJ
Dichanthelium boscii (Poir.) G. & Cl. WJ SYN= *Panicum boscii* Poir.
Dichanthelium commutatum (Schult.) Gould WM
 SYN= *Panicum commutatum* Schult.

Dichanthelium dichotomum (L.) Gould WM*J

SYN= *Panicum dichotomum* L.

Dichanthelium lanuginosum (Ell.) Gould W*J

SYN= *Panicum lanuginosum* Ell.

SYN= *Dichanthelium acuminatum* var. *fasciculatum* (Torr.) Freckm.

Dichanthelium laxiflorum (Lam.) Gould WJ

SYN= *Panicum laxiflorum* Lam.

Dichanthelium lindheimeri (Nash) Gould WJ

SYN= *Panicum lindheimeri* Nash

SYN= *Dichanthelium acuminatum* var. *lindheimeri* (Nash) G. & Cl.

Dichanthelium linearifolium (Scribn. ex Nash) Gould WJ

SYN= *Panicum linearifolium* Scribn. ex Nash

Dichanthelium oligosanthes (Schultes) Gould var. *oligosanthes* W*J

SYN= *Panicum oligosanthes* Schultes

Dichanthelium oligosanthes (Schultes) Gould var. *scribnerianum* (Nash) Gould WM

SYN= *Panicum scribnerianum* Nash

Dichanthelium ravenelii (Scribn. & Merr.) Gould. WJ

SYN= *Panicum ravenelii* Scribn. & Merr.

Dichanthelium scoparium (Lam.) Gould WM

SYN= *Panicum scoparium* Lam.

Dichanthelium sphaerocarpon (Ell.) Gould. WMJ

SYN= *Panicum sphaerocarpon* Ell.

SYN= *Dichanthelium polyanthes* (Schultes) Mohlenbr.

Digitaria ciliaris (Retz.) Koel. W*J

Digitaria cognata (Schult.) Chase W

SYN= *Leptoloma cognatum* (Schultes) Chase

Digitaria filiformis (L.) Koel. W

Digitaria villosa (Walt.) Pers. WJ

Digitaria violascens Link *J

Echinochloa colona (L.) Link W

Echinochloa crus-galli (L.) Beauv. WM

Echinochloa walteri (Pursh) Heller WM

Eleusine indica (L.) Gaertn. WM

Elymus canadensis L. W

Elymus virginicus L. WM*J

Eragrostis barrelieri Daveau W

Eragrostis ellottii S. Wats. W

Eragrostis hypnoides (Lam.) B.S.P. M

Eragrostis hirsuta (Michx.) Nees W*J

**Eragrostis pectinacea* (Michx.) Nees ex Steud. 0

Eragrostis secundiflora Presl WM*J

SYN= *Eragrostis oxylepis* (Torr.) Torr.

Eragrostis spectabilis (Pursh) Steud. W

**Eragrostis trichodes* (Nutt.) Wood 0

Eremochloa ophiuroides (Munro) Hack. W

Erianthus alopecuroides (L.) Ell. W

SYN= *Saccharum alopecuroidum* (L.) Nutt.

Erianthus giganteus (Walt.) Muhl. WMJ

SYN= *Saccharum giganteum* (Walt.) Pers.

Erianthus strictus Ell. WM SYN= *Saccharum baldwinii* Spreng.

- Eustachys petraea* (Sw.) Desv. W
SYN= *Chloris petraea* Sw.
- Festuca arundinacea* Schreb. MJ
SYN= *Lolium arundinaceum* (Schreb.) S. Darb.
- **Festuca subverticillata* (Pers.) Alexeev 0
SYN= *Festuca obtusa* Bieler
- Glyceria arkansana* Fern. J
- Gymnopogon ambiguus* (Michx.) B.S.P. WJ
- Hordeum pusillum* Nutt. WMJ
- Hordeum vulgare* L. W
- Leersia hexandra* Sw. M(mercer)
- Leersia oryzoides* (L.) Sw. WM
- Leersia virginica* Willd. WMJ
- Leptochloa mucronata* (Michx.) Kunth WM
SYN= *Leptochloa filiformis* (Lam.) Beauv. var. *attenuata* (Nutt.) Steyermark.
- Limnodea arkansana* (Nutt.) Dewey WI
- Lolium perenne* L. WM
SYN= *Lolium multiflorum* Lam.
- Lolium tementulum* L. W
- Melica mutica* Walt. WMJ
- Muhlenbergia capillaris* (Lam.) Trin. W*J
- Oplismenus hirtellus* (L.) Beauv. WJ
SYN= *Oplismenus setarius* (Lam.) R. & S.
- Oryza sativa* L. W
- Panicum anceps* Michx. WJ
- Panicum brachyanthum* Steud. W*J
- Panicum capillare* L. W
- Panicum dichotomiflorum* Michx. W
- Panicum gymnocarpon* Ell. WMJ
SYN= *Phanopyrum gymnocarpon* (Ell.) Nash
- Panicum rigidulum* Bosc ex Nees HJ
- Panicum verrucosum* Muhl. WJ
- Panicum virgatum* L. W
- Paspalum dilatatum* Poir. WM*J
- Paspalum floridanum* Michx. W
- Paspalum laeve* Michx. W*J
- Paspalum langei* (Fourn.) Nash W*J
- Paspalum notatum* Fluegge WMJ
- Paspalum plicatulum* Michx. WMJ
- Paspalum pubiflorum* Rupr. ex Fourn. WMJ
- Paspalum setaceum* Michx. WMJ
SYN= *Paspalum pubescens* Muhl.
- Paspalum urvillei* Steud. WMJ
- Phalaris caroliniana* Walt. W
- Phyllostachys aurea* Carr. ex Riv. W
- Poa annua* L. WJ
- Poa autumnalis* Muhl. ex Ell. WMJ
- Rostraria cristata* (L.) Tzvelev W
SYN= *Koehleria gerardii* (Vill.) Shinners
- Sacciolepis striata* (L.) Nash WM
- Schedonnardus paniculatus* (Nutt.) Trel. W

- Schizachyrium scoparium* (Michx.) Nash WJ
Secale cereale L. M
Setaria corrugata (Ell.) Schult. W(Gould 1975)
Setaria glauca (L.) Beauv. WM
 SYN= *Pennisetum glaucum* (L.) R. Br.
Setaria parviflora (Poir.) Kerg. WJ
 SYN= *Setaria geniculata* auct. non (Wild.) Beauv.
Setaria viridis (L.) Beauv. W
Sorghastrum elliotii (Mohr) Nash WJ
Sorghastrum nutans (L.) Nash W
Sorghum bicolor (L.) Moench M
Sorghum halepense (L.) Pers. WM
Sphenopholis longiflora (Vasey) Hitchc. M
Sphenopholis obtusata (Michx.) Scribn. WMJ
Sporobolus compositus (Poir.) Merr. var. *compositus* WMJ
 SYN= *Sporobolus asper* (Beauv.) Kunth
Sporobolus indicus (L.) R. Br. WMJ
 **Sporobolus junceus* (Beauv.) Kunth H
Sporobolus vaginiflorus (Torr. ex Gray) Wood W
Steinchisma hians (Ell.) Nash WM
 SYN= *Panicum hians* Ell.
Stenotaphrum secundatum (Walt.) Kuntze W
Stipa avenacea L. WJ
 SYN= *Piptochaetium avenaceum* (L.) Parodi
Stipa leucotricha Trin. & Rupr.
 SYN= *Nassella leucotricha* (Trin. & Rupr.) Pohl WMJ
Tridens flavus (L.) Hitchc. WJ
Tridens strictus (Nutt.) Nash WM
Triplasis purpurea (Walt.) Chapm. *J
Tripsacum dactyloides (L.) L. WM
Trisetum interruptum Buckl. WJ
Urochloa ciliatissima (Buckl.) R. Webster *J
 SYN= *Brachiaria ciliatissima* (Buckl.) Chase
Urochloa fasciculata (Sw.) R. Webster W
 SYN= *Panicum fasciculatum* Swartz
Urochloa ramosa (L.) R. Webster M
 SYN= *Panicum ramosum* L.
Urochloa texana (Buckl.) R. Webster 0*J
 SYN= *Panicum texanum* Buckl.
Vulpia octoflora (Walt.) Rydb. WJ SYN= *Festuca octoflora* Walt.
Vulpia myuros (L.) Gmel. W
Vulpia sciurea (Nutt.) Henr. J
Zizaniopsis miliacea (Michx.) Doell. & Asch. WM

PONTEDERIACEAE

- Eichhornia crassipes* (Mart.) Solms W
Heteranthera limosa (Sw.) Willd. M

POTAMOGETONACEAE

- Potamogeton diversifolius* Rafin. HM(Ogden 1966)
Potamogeton nodosus Poir. WMJ

SMILACACEAE

- Smilax bona-nox* L. WJ
Smilax glauca Walt. WMJ
Smilax laurifolia L. WMJ
Smilax pumila Walt. WMJ
Smilax rotundifolia L. WMJ
Smilax smallii Morong WJ
Smilax tamnoides L. WJ
 SYN= *Smilax hispida* Muhl.

SPARGANIACEAE

- Sparganium americanum* Nutt. J

TYPHACEAE

- Typha angustifolia* L. W
 **Typha domingensis* Pers. O
Typha latifolia L. W

XYRIDACEAE

- Xyris ambigua* Bey. ex Kunth WMJ
Xyris iridifolia Chapm. M
Xyris jupicai L.C. Rich. M
Xyris torta J.E. Sm. WJM
Xyris sp. J

DICOTS**ACANTHACEAE**

- Dicliptera brachiata* (Pursh) Spreng. W*J
Hygrophila lacustris (S. & C.) Nees WM
Justicia lanceolata (Chapm.) Small WM
 SYN= *Justicia ovata* var. *lanceolata* (Chapm.) R.W. Long
Ruellia brittoniana Leonard M
Ruellia caroliniensis (Gmel.) Steud. WM
Ruellia humilis Nutt. WM*J
Ruellia nudiflora (Engelm. ex Gray) Urb. var. *nudiflora* WMJ
Ruellia pedunculata Torr. ex Gray J(Turner 1991)
Ruellia strepens L. WM
Yeatesia viridiflora (Nees) Small *.J

ACERACEAE

- Acer negundo* L. WMJ
Acer rubrum L. WMJ

AMARANTHACEAE

- Alternanthera philoxeroides* (Mart.) Griseb. W
 **Amaranthus albus* L. O
 SYN= *Amaranthus graecizans* auct. non L.

Amaranthus hybridus L. WM(Reed 1969)

**Amaranthus retroflexus* L. 0

**Amaranthus spinosus* L. 0

Froelichia floridana (Nutt.) Moq. WM(Reed 1969)J

Gomphrena globosa L. M

Iresine rhizomatosa Standl. WJ

ANACARDIACEAE

Rhus aromatica Aiton WMJ

Rhus copallina L. WMJ

Rhus glabra L. WM(Barkley 1943)*J

Toxicodendron radicans (L.) Kuntze var. *radicans* WM*J

SYN= *Rhus radicans* L.

Toxicodendron pubescens P. Mill. WM(Barkley 1943)J

SYN= *Rhus toxicodendron* L.

ANNONACEAE

Asimina parviflora (Michx.) Dun. MJ

APIACEAE

Bifora americana (DC.) Benth. & Hook. W

**Bowlesia incana* R. & P. 0

Centella erecta (L.f.) Fern. WMJ

Chaerophyllum tainturieri Hook. WM*J

Cicuta maculata L. WM

Cyclospermum leptophyllum (Pers.) Sprague WJ

SYN= *Apium leptophyllum* (Pers.) F.V. Muell. ex Benth.

Cynosciadium digitatum DC. W

Daucus carota L. WM

Daucus pusillus Michx. WMJ

**Eryngium hookeri* Walp. 0

Eryngium prostratum Nutt. ex DC. WMJ

Eryngium yuccifolium Michx. W*J

Hydrocotyle ranunculoides L. M

Hydrocotyle umbellata L. WM

Hydrocotyle verticillata Thunb. WMJ

Limnosciadium pinnatum (DC.) Math. & Const. WM

Oxypolis rigidior (L.) Rafin. W

Polytaenia nuttallii DC. W

Polytaenia texana (Coulter. & Rose) Math. & Const. *J

Ptilimnium capillaceum (Michx.) Rafin. W

Ptilimnium nuttallii (DC.) Britt. W

Sanicula canadensis L. WMJ

Sanicula odorata (Rafin.) Pryer & Phillippe W SYN= *Sanicula gregaria* Bickn.

Spermolepis divaricata (Walt.) Rafin. ex Ser. WJ

**Spermolepis echinata* (Nutt. ex DC.) Math. & Const. 0

Tauschia texana A. Gray M

Torilis arvensis (Huds.) Link W

**Torilis nodosa* (L.) Gaertn. 0

Trepocarpus aethusae Nutt. ex DC. W*J

Zizia aurea (L.) Koch WJ

APOCYNACEAE

- Amsonia tabernaemontana* Walt. W
Apocynum cannabinum L. W
Nerium oleander L. W
Trachelospermum difforme (Walt.) Gray WMJ
Vinca major L. W

AQUIFOLIACEAE

- Ilex ambigua* (Michx.) Torrey WMJ
Ilex coriacea (Pursh) Chapm. MJ
Ilex decidua Walt. WM(Lundell 1943)J
Ilex longipes Chapm. ex Trel. WMJ
Ilex opaca Aiton WMJ
Ilex vomitoria Aiton WMJ

ARALIACEAE

- Aralia spinosa* L. WMJ
Hedera helix L. W

ARISTOLOCHIACEAE

- Aristolochia reticulata* Jacq. WMJ
Aristolochia serpentaria L. WJ
Aristolochia tomentosa Sims *J

ASCLEPIADACEAE

- Asclepias amplexicaulis* J.E. Smith WM
Asclepias tuberosa L. WMJ
Asclepias variegata L. WJ
Asclepias verticillata L. W
Asclepias viridiflora Rafin. WMJ
Asclepias viridis Walt. WMJ
**Cynanchum laeve* (Michx.) Pers. H
Matelea cynanchoides (Engelm.) Woods. WM
Matelea decipiens (Alex.) Woods. WM
Matelea gonocarpos (Walt.) Shinners WJ

ASTERACEAE

- Achillea millefolium* L. subsp. *lanulosa* (Nutt.) Piper WM
Acmella oppositifolia (Lam.) Jansen var. *repens* (Walt.) Jansen WMJ
Ageratina altissima (L.) King & Rob. WJ
 SYN= *Eupatorium rugosum* Houtt.
Ambrosia artemisiifolia L. HJ
Ambrosia cumanensis Kunth WJ
 SYN= *Ambrosia psilostachya* DC.
Ambrosia trifida L. W
Amphiachyris dracunculoides (DC.) Nutt. W
Antennaria fallax Greene WM
 SYN= *Antennaria parlinii* var. *fallax* (Greene) Bayer & Stebbins
Anthemis cotula L. W
Aphanostephus skirrhobasis (DC.) Trel. *J

- Arnoglossum ovatum* (Walt.) H. Rob. MJ
SYN= *Cacalia ovata* Walt.
SYN= *Cacalia lanceolata* Nutt.
Arnoglossum plantagineum Rafin. WMJ
SYN= *Cacalia plantaginea* (Rafin.) Shinners
Artemisia ludoviciana Nutt. var. *ludoviciana* M
Baccharis halimifolia L. WJ
Berlandiera pumila (Michx.) Nutt. var. *pumila* WMJ
Bidens aristosa (Michx.) Britt. WM
Bidens bipinnata L. WJ
Bidens frondosa L. W
Bidens laevis (L.) B.S.P. W
Bigelowia nuttallii L.C. Anderson W
Boltonia diffusa Ell. MWJ
Brickellia eupatorioides (L.) Shinners var. *eupatorioides* WMJ
Calyptocarpus vialis Less. WJ
Centaurea americana Nutt. W
Centaurea cyanis L. WM
Chaetopappa asteroides Nutt. ex DC. var. *asteroides* WM
Chlorocantha spinosa (Benth.) Nesom M
SYN= *Aster spinosus* Benth.
Chrysopsis pilosa Nutt. WMJ
Chrysopsis texana Nesom W
SYN= *Bradburia hirtella* Torr. & Gray
Cirsium carolinianum (Walt.) Fern. & Schub. W
Cirsium horridulum Michx. W
Cirsium texanum Buckley W
Conoclinium coelestinum (L.) DC. WJ
SYN= *Eupatorium coelestinum* L.
Conyza canadensis (L.) Cronq. WJ
Conyza bonariensis (L.) Cronq. W
Coreopsis basalis (Dietrich) Blake WJ
Coreopsis lanceolata L. WM
Coreopsis tinctoria Nutt. M
Croptilon divaricatum (Nutt.) Rafin. WMJ
Dracopis amplexicaule (Vahl) Cass. W
Dyssodia tenuiloba (DC.) Small var. *tenuiloba* M
Echinacea atrorubens Nutt. W
Echinacea sanguinea Nutt. WM*J
Eclipta prostrata (L.) L. W
Elephantopus carolinianus Raeusch. WJ
Elephantopus tomentosus L. WMJ
Engelmannia peristenia (Rafin.) Goodman & Lawson WMJ
SYN= *Engelmannia pinnatifida* Gray ex Nutt.
Erechtites hieracifolia (L.) Rafin. ex DC. var. *hieracifolia* WJ
Erigeron annuus (L.) Pers. W
Erigeron philadelphicus L. W
Erigeron procumbens (Houst. ex P. Mill.) Nesom M
Erigeron strigosus Muhl. ex Willd. WMJ
Erigeron tenuis Torr. & Gray WM
Eupatorium capillifolium (Lam.) Small WJ

- Eupatorium compositifolium* Walt. MJ
Eupatorium fistulosum Barr. J
Eupatorium lancifolium (T. & G.) Small WMJ
Eupatorium mohrii Greene M
Eupatorium perfoliatum L. WM
Eupatorium × pinnatifidum Ell. W
Eupatorium rotundifolium L. var. *rotundifolium* WMJ
Eupatorium semiserratum DC. WMJ
Eupatorium serotinum Michx. W
Eurybia hemispherica (Aiton) Nesom W
 SYN= *Aster paludosus* subsp. *hemisphericus* (Alexander) Cronq.
 SYN= *Aster hemisphericus* Alexander
Euthamia leptocephala (Torr. & Gray) Greene WMJ
Evax candida (Torr. & Gray) Gray W*J
 SYN= *Calymmandra candida* Torr. & Gray
Evax verna Rafin. W*J
 SYN= *Evax multicaulis* DC.
Facelis retusa (Lam.) Sch.-Bip. WMJ
Fleischmannia incarnata (Walt.) King & Rob. J
 SYN= *Eupatorium incarnatum* Walt.
Gaillardia aestivalis (Walt.) Rock var. *aestivalis* J
Gaillardia pulchella Foug. WM
Gamochaeta falcata (Lam.) Cabrera W
 SYN= *Gnaphalium falcatum* Lam.
Gamochaeta pensylvanica (Willd.) Cabrera W
 SYN= *Gnaphalium pensylvanica* Willd.
Gamochaeta purpurea (L.) Cabrera WMJ
 SYN= *Gnaphalium purpureum* L.
Grindelia lanceolata Nutt. var. *lanceolata* WJ
Helenium amarum (Rafin.) Rock WMJ
Helianthus angustifolius L. WJ
Helianthus annuus L. W
Helianthus debilis Nutt. OJ
Helianthus grosse-serratus Martens W
Helianthus hirsutus Rafin. WJ
Helianthus maximiliani Schrad. WM
**Helianthus mollis* Lam. H
Helianthus simulans E. Wats. W
Heliopsis helianthoides (L.) Sweet J
Heterotheca subaxillaris (Lam.) Britt. & Rusby WMJ
 SYN= *Heterotheca latifolia* Buckley
Hieracium gronovii L. WM
Hymenopappus artemisiifolius DC. var. *artemisiifolius* W
Hypochoeris microcephala (Sch.-Bip.) Cabrera var. *albiflora* (O. Kuntze) Cabrera
WJ
Iva angustifolia DC. W
Iva annua L. WJ
Krigia cespitosa (Rafin.) Chambers WMJ
Krigia dandelion (L.) Nutt. W
Krigia occidentalis Nutt. M

- Krigia virginica* (L.) Willd. W*J
Krigia wrightii (A. Gray) Chambers ex Kim W*M (Kim & T 1992)
Lactuca canadensis L. WJ
Lactuca floridana (L.) Gaertn. WJ
Lactuca hirsuta Muhl. WJ
Lactuca ludoviciana (Nutt.) Ridd. W
Leucanthemum vulgare Lam. WM
 SYN= *Chrysanthemum leucanthemum* L.
Liatris cylindracea Engelm. & Gray M*J
Liatris squarrulosa Michx. WMJ
 SYN= *Liatris earlei* (Walt.) K. Schum.
Liatris cymosa (Ness) K. Schum. W
Liatris elegans (Walt.) Michx. WMJ
Liatris mucronata DC. WJ
Liatris pycnostachya Michx. WMJ
Liatris squarrosa (L.) Michx. var. *squarrosa* WJ
Lindheimera texana Gray & Engelm. WM
Marshallia cespitosa Nutt. ex DC. var. *signata* Beadle & Boynt. W
Mikania scandens (L.) Willd. WJ
Oligoneuron nitidum (Torr. & Gray) Small W (Taylor & Taylor 1984)
Oligoneuron rigidum (L.) Small W
 SYN= *Solidago rigida* L.
Palafoxia hookeriana Torr. & Gray *J
Palafoxia rosea (Bush) Cory var. *rosea* WM (Turner & Morris 1976) J
Parthenium hysterophorus L. W
Pityopsis graminifolia (Michx.) Nutt. W
 SYN= *Chrysopsis graminifolia* (Michx.) Ell.
 SYN= *Heterotheca graminifolia* (Michx.) Shinners
Pluchea camphorata (L.) DC. WJ
Pluchea foetida (L.) DC. WMJ
Pluchea odorata (L.) Cass. WMJ
 SYN= *Pluchea purpurascens* (Sw.) DC.
Pseudognaphalium obtusifolium (L.) Hill. & Burt
 SYN= *Gnaphalium obtusifolium* L. WJ
Pterocaulon virgatum (L.) DC. WM
Pyrrhopappus carolinianus (Walt.) DC. WM
Pyrrhopappus pauciflorus (D. Don) DC. WMJ
Ratibida columnifera (Nutt.) Woot. & Standl. M*J
Rudbeckia fulgida Aiton J
Rudbeckia grandiflora (Sweet) DC. WMJ
Rudbeckia hirta L. [var.] WMJ
Rudbeckia maxima Nutt. WJ
Rudbeckia missouriensis Boynt. & Beadle WJ
 SYN= *R. fulgida* var. *missouriensis* (Boyle & Beadle) Cronq.
Rudbeckia nitida Nutt. var. *texana* Perdue *J
Senecio ampullaceus Hook. WJ
Senecio obovatus Muhl. ex Willd. WMJ
Senecio tampicarus DC. W
 SYN= *Senecio inparipinnatus* Klatt
Silphium gracile A. Gray W*J
Silphium radula Nutt. W SYN= *Silphium asperrimum* Hook.

Smallanthus uvedalia (L.) Mackenzie ex Small J

SYN= *Polymnia uvedalia* (L.) L.

Solidago altissima L. WMJ

SYN= *Solidago canadensis* var. *scabra* Torr. & Gray

Solidago delicatula Small WJ

SYN= *Solidago ulmifolia* var. *microphylla* A. Gray

Solidago ludoviciana (Gray) Small WMJ

Solidago nemoralis Ait. J

Solidago odora Aiton WJ

Solidago petiolaris Aiton W

Solidago radula Nutt. W(Taylor & Taylor 1984)

Solidago rugosa Aiton WMJ

Solidago speciosa var. *rigidiuscula* Torr. & Gray W(Taylor & Taylor 1984)

Soliva pterosperma (Juss.) Less. W*J

Sonchus asper (L.) Hill WM*J

Sonchus oleraceus L. W*J

Symphyotrichum divaricatum (Nutt.) Nesom

SYN= *Aster subulatus* var. *ligulatus* Shinners

Symphyotrichum drummondii var. *texanum* (Burg.) Nesom WJ

SYN= *Aster drummondii* var. *texanus* (Burg.) A.G. Jones

Symphyotrichum dumosum (L.) Nesom W

SYN= *Aster dumosus* L.

Symphyotrichum ericoides (L.) Nesom var. *ericoides* W*J

SYN= *Aster ericoides* L.

SYN= *Virgulus ericoides* (L.) Rev. & Keen.

Symphyotrichum lanceolatum (Willd.) Nesom W

SYN= *Aster lanceolatus* Willd.

Symphyotrichum lateriflorum (L.) Love & Love WMJ

SYN= *Aster lateriflorus* (L.) Britt.

Symphyotrichum oolentangiense var. *poaceum* (Burg.) Nesom WJ

SYN= *Aster oolentangiensis* var. *poaceus* (Burg.) A.G. Jones

Symphyotrichum patens (Aiton) Nesom var. *gracile* (Hook.) Nesom WJ

SYN= *Aster patens* var. *gracilis* Hook.

SYN= *Virgulus patens* var. *gracilis* (Hook.) Rev. & Keen.

Symphyotrichum praealtum (Poir.) Nesom W

SYN= *Aster praealtus* Poir.

Symphyotrichum pratense (Rafin.) Nesom WJ

SYN= *Aster pratensis* Rafin.

SYN= *Virgulus pratensis* (Rafin.) Rev. & Keen.

Symphyotrichum racemosum (Ell.) Nesom WJ

SYN= *Aster racemosus* Ell.

SYN= *Aster fragilis* Willd.

Taraxacum officinale Weber ex Wiggers W

Tetragonotheeca ludoviciana (Torr. & Gray) Gray M

Tetraneurus linearifolia (Hook.) Greene var. *linearifolia* W

SYN= *Hymenoxys linearifolia* Hook.

Thelesperma filifolium (Hook.) Gray W

Verbesina enceliaoides (Cav.) A. Gray W

Verbesina virginica L. var. *virginica* WJ

Vernonia missurica Rafin. WM(mercer)J

Vernonia texana (A. Gray) Small WMJ

Xanthium strumarium L. W
Youngia japonica (L.) DC. W

BERBERIDACEAE

Nandina domestica Thunb. WM
Podophyllum peltatum L. WMJ

BETULACEAE

Alnus serrulata (Ait.) Willd. J
Betula nigra L. WJ
Carpinus caroliniana Walt. WMJ
Ostrya virginiana (Mill.) K. Koch WJ

BIGNONIACEAE

Bignonia capreolata L. WMJ
Campsis radicans (L.) Seem. ex Bureau WMJ
Catalpa bignonioides Walt. *J
Catalpa speciosa (Warder) Warder ex Engelm. WJ

BORAGINACEAE

Heliotropium indicum L. WMJ
Heliotropium procumbens P. Mill. W
Heliotropium tenellum (Nutt.) Torr. WMJ
Lithospermum caroliniense (Gmel.) MacM. WM
Lithospermum incisum Lehm. W*J
Myosotis macrosperma Engelm. WMJ
Myosotis verna Nutt. W
Onosmodium bejariense DC. ex A. DC. WM
SYN= *Onosmodium molle* Michx. var. *bejariense* (DC. ex A. DC.) Cronq.

BRASSICACEAE

**Arabis canadensis* L. 0
**Camelina microcarpa* Andrz. 0
Capsella bursa-pastoris (L.) Medic. W
Cardamine bulbosa (Schreb. ex Muhl.) B.S.P. WMJ
Cardamine hirsuta L. WJ
Cardamine parviflora L. WMJ
Cardamine pensylvanica Muhl. ex Willd. M
Coronopus didymus (L.) J.E. Smith W
Draba brachycarpa Nutt. ex Torr. & Gray *J
**Draba cuneifolia* Nutt. ex Torr. & Gray 0
**Lepidium densiflorum* Schrad. 0
Lepidium virginicum L. WMJ
Lesquerella gracilis (Hook.) Wats. OM
Raphanus raphanistrum L. W
**Rorippa islandica* (Oeder) Borbas 0
Rorippa nasturtium-aquaticum (L.) Hayek. W
Sibara virginica (L.) Roll. W
**Sisymbrium officinale* (L.) Scop. 0

CABOMBACEAE

Brasenia schreberi Gmel. MJ(sight)
Cabomba caroliniana A. Gray W

CACTACEAE

**Opuntia engelmannii* Engelm. var. *lindheimeri* (Engelm.) Parf. & Pink. 0
 SYN= *Opuntia lindheimeri* Engelm.
Opuntia ficus-indica (L.) P. Mill. W
 SYN= *Opuntia compressa* (Salisb.) Macbr.
*i_Opuntia macrorhiza Engelm. P

CALLITRICHACEAE

Callitricha heterophylla Pursh WM

CAMPANULACEAE

Lobelia appendiculata A. DC. WM(mercer)*J
Lobelia cardinalis L. W*J
Lobelia puberula Michx. WJ
Lobelia reverchonii B.L. Turner M
Lobelia spicata Lam. WMJ
Triodanis biflora (R. & P.) Greene WJ
 SYN= *Triodanis perfoliata* (L.) Nieuw. var. *biflora* (R. & P.) Bradley
Triodanis lamprosperma McVaugh W
Triodanis perfoliata (L.) Nieuw. WM*J

CANNABINACEAE

Cannabis sativa L. W

CAPPARACEAE

**Polanisia erosa* (Nutt.) Iltis 0

CAPRIFOLIACEAE

Abelia grandiflora (Andre) Rehd. W
Lonicera japonica Thunb. WMJ
Lonicera sempervirens L. WJ
Sambucus canadensis L. WMJ
 SYN= *Sambucus nigra* L. subsp. *canadensis* (L.) R. Bolli
Symporicarpos orbiculatus Moench WJ
Viburnum acerifolium L. HMJ
Viburnum cassinoides L. J
 SYN= *Viburnum nudum* L. var. *cassinoides* (L.) Torr. & Gray
 SYN= *Viburnum nitidum* Ait.
Viburnum dentatum L. WMJ
Viburnum nudum L. WJ
Viburnum rufidulum Rafin. WMJ

CARYOPHYLLACEAE

Agrostemma githago L. W
Arenaria serpyllifolia L. W
Cerastium glomeratum Thuill. WJ

- Cerastium fontanum* Baumg. var. *vulgare* (Hartman) Greuter & Burdet WM
 SYN= *Cerastium vulgatum* L.
 SYN= *Cerastium holosteoides* Fries
Loeflingia squarrosa Nutt. WJ
Minuartia drummondii (Shinners) McNeill W
 SYN= *Arenaria drummondii* Shinners
Minuartia muscorum (Fassett) Rabeler W
 SYN= *Arenaria muriculata* Maguire
 SYN= *Arenaria robusta* Steyermark
 SYN= *Arenaria patula* var. *robusta* (Stey.) Maguire
Petrorhagia dubia (Rafin.) Lopez & Romo WJ (both from Rabeler 1985)
 SYN= *Petrorhagia velutina* (Guss.) Ball & Heyw.
Polycarpon tetraphyllum (L.) L. W
Sagina decumbens (Ell.) Torr. & Gray W*J
Silene antirrhina L. W*J
Silene gallica L. WM*J
Spergula arvensis L. H
Stellaria media (L.) Vill. WJ

CELASTRACEAE

Euonymus americana L. WMJ

CHENOPodiaceae

- Chenopodium album* L. W
Chenopodium ambrosioides L. WMJ
 **Chenopodium berlandieri* Moq. O
Chenopodium pallescens Standley W

CISTACEAE

- Helianthemum carolinianum* (Walt.) Michx. WMJ
Helianthemum georgianum Chapm. W
Helianthemum rosmarinifolium Pursh W
Lechea mucronata Rafin. WJ
 SYN= *Lechea villosa* Ell.
Lechea tenuifolia Michx. WM*J

CLUSIACEAE

- Ascyrum hypericoides* L. WMJ
 SYN= *Hypericum hypericoides* (L.) Crantz
Ascyrum crux-andreae L. MJ
 SYN= *Ascyrum stans* Michx. ex Willd.
 SYN= *Hypericum crux-andreae* (L.) Crantz
Hypericum drummondii (Grev. & Hook.) Torr. & Gray WJ
Hypericum fasciculatum Lam. WMJ
Hypericum galioides Lam. *J
Hypericum gentianoides (L.) B.S.P. WMJ
Hypericum gymnanthum Eng. & Gray W
Hypericum muticum L. WJ
Hypericum prolificum L. WJ
Hypericum pseudomaculatum Bush O*J
Hypericum punctatum Lam. W

Triadenum walteri (Gmel.) Gleason WJ
 SYN= *Hypericum walteri* Gmel.
 SYN= *Hypericum petiolatum* Walt.

CONVOLVULACEAE

Convolvulus equitans Benth. W
Dichondra carolinensis Michx. WMJ
Evolvulus sericeus Sw. W
Ipomoea indica (Burm. f.) Merr. W
 SYN= *Ipomoea acuminata* (Vahl) R. & S.
Ipomoea cairica (L.) Sw. WM
Ipomoea hederacea Jacq. W
Ipomoea lacunosa L. J
Ipomoea pandurata (L.) Mey. WMJ
Ipomoea cordatotriloba Dennst. WMJ
 SYN= *Ipomoea trichocarpa* Ell.
Jacquemontia tamnifolia (L.) Griseb. WM
Stylosma humistrata (Walt.) Chapm. W
Stylosma pickeringii (Torr. ex Curtis) Gray W

CORNACEAE

Cornus drummondii C.A. Mey. WJ
Cornus florida L. WMJ
Cornus foemina P. Mill. J

CRASSULACEAE

Penthorum sedoides L. W

CUCURBITACEAE

Melothria pendula L. WJ

CUSCUTACEAE

Cuscuta compacta Juss. ex Choisy J
Cuscuta cuspidata Engelm. W
Cuscuta glabrior (Engelm.) Yunck. W
 SYN= *Cuscuta pentagona* Engelm. var. *glabrior* (Yunck.) G., T., & H.
Cuscuta glomerata Choisy *J

DROSERACEAE

Drosera brevifolia Pursh W
 SYN= *Drosera annua* Reed

EBENACEAE

Diospyros virginiana L. WMJ

ERICACEAE

Rhododendron canescens (Michx.) Sweet W
Rhododendron oblongifolium (Small) Millais W*J
Rhododendron prinophyllum (Small) Millais *J
Vaccinium arboreum Marsh. WMJ
Vaccinium corymbosum L. WJ SYN= *Vaccinium amoenum* Aiton

Vaccinium elliotii Chapm. OJ
Vaccinium stamineum L. WJ
Vaccinium virginatum Aiton WMJ

EUPHORBIACEAE

- Acalypha gracilens* A. Gray WMJ
 **Acalypha ostryifolia* Ridd. O
Acalypha rhomboidea Rafin. WM
 SYN= *Acalypha virginica* L. var. *rhomboidea* (Rafin.) Cooperr.
 **Argythamnia humilis* (Engelm. & Gray) Muell. Arg. P
Chamaesyce cordifolia (Ell.) Small W
 SYN= *Euphorbia cordifolia* Ell.
Chamaesyce hypericifolia (L.) Millsp. W
 SYN= *Euphorbia hypericifolia* L.
Chamaesyce maculata (L.) Small W
 SYN= *Euphorbia maculata* L.
 **Chamaesyce missurica* (Rafin.) Shinners O
 SYN= *Euphorbia missurica* Rafin.
Chamaesyce nutans (Lag.) Small WMJ
 SYN= *Euphorbia nutans* Lag.
Chamaesyce prostrata (Ait.) Small W
 SYN= *Euphorbia prostrata* Ait.
Chamaesyce serpens (Kunth) Small WJ
 SYN= *Euphorbia serpens* Kunth
Cnidosculus texanus (Muell. Arg.) Small WJ
Croton argyranthemus Michx. OM
Croton capitatus Michx. var. *lindheimeri* (Engelm. & Gray) Muell. Arg. WMJ
Croton glandulosus L. var. *septentrionalis* Muell. Arg. WMJ
Croton monanthogynus Michx. WJ
 **Croton texensis* (Kl.) Muell. Arg. O
Croton willdenowii G. Webster WMJ
 SYN= *Crotonopsis elliptica* Willd.
Euphorbia cyathophora Murr. W
 SYN= *Poinsettia cyathophora* (Murr.) Kl. & Gke.
Euphorbia bicolor Engelm. & Gray WMJ
Euphorbia corollata L. WMJ
Euphorbia dentata Michx. WJ
Euphorbia discoidalis Chapman J
Euphorbia spathulata Lam. W*J
Euphorbia tetrapora Engelm. WJ
Phyllanthus caroliniensis Walt. WJ
Phyllanthus polygonoides Nutt. ex Spreng. WM
Phyllanthus urinaria L. WJ
Sapium sebiferum (L.) Roxb. WJ
Sebastiania fruticosa (Bartr.) Fern. J
Stillingia sylvatica L. WJ
Tragia betonicifolia Nutt. J
 **Tragia cordata* Michx. O
Tragia urticifolia Michx. WJ
Vernicia fordii (Hemsl.) Airy-Shaw W
 SYN= *Aleurites fordii* Hemsley

FABACEAE

Acacia angustissima (P. Mill.) Kuntze WM

SYN= *Acacia hirta* Nutt.

Acacia farnesiana (L.) Willd. WJ

Albizia julibrissin Durazz. WMJ

**Amorpha fruticosa* L. H

Amorpha paniculata Torr. & Gray OJ

Amphicarpa bracteata (L.) Fern. WM(Turner 1959)J

Apis americana Medic J

**Astragalus crassicarpus* Nutt. O

Astragalus distortus Torr. & Gray var. *engelmannii* (Sheld.) M.E. Jones WJ

Astragalus leptocarpus Torr. & Gray W

Astragalus nuttallianus var. *trichocarpus* Torr. & Gray OHW(Turner 1959)

Astragalus reflexus Torr. & Gray 0W(Turner 1959)

**Astragalus soxnaniorum* Lundell O

Baptisia bracteata Muhl. ex Ell. *var. *laevicaulis* (Gray ex Canby) Isely O

SYN= *Baptisia laevicaulis* (Gray) Small

Baptisia bracteata Muhl. ex Ell. var. *leucophaea* (Nutt.) Kartesz & Gandhi WM

SYN= *Baptisia leucophaea* Nutt.

Baptisia nuttalliana Small WMJ

Baptisia sphaerocarpa Nutt. W*I

Centrosema virginianum (L.) Benth. WMJ

Cercis canadensis L. WJ

Chamaecrista fasciculata (Michx.) E. Greene WMJ

SYN= *Cassia fasciculata* Michx.

Chamaecrista nictitans (L.) Moench WM(Turner 1959)J

SYN= *Cassia nictitans* L.

Clitoria mariana L. WMJ

Coronilla varia L. W

Crotalaria sagittalis L. WMJ

Dalea compacta Spreng. var. *pubescens* (Gray) Barneby WMJ

SYN= *Dalea helleri* Shinners

SYN= *Petalostemum pulcherrimus* (Heller) Heller

Dalea multiflora (Nutt.) Shinners WMJ

SYN= *Petalostemum multiflorus* Nutt.

Dalea phleoides (Torr. & Gray) Shinners WM(mercer)J (Turner 1959)

SYN= *Petalostemum glandulosus* Coult. & Fisher

Desmanthus illinoensis (Michx.) MacM. WMJ

Desmanthus leptolobus Torr. & Gray W(Luckow 1993)

Desmanthus velutinus Scheele W

Desmodium canescens (L.) DC. MJ

Desmodium ciliare (Muhl. ex Willd.) DC. WM(Turner 1959)J

Desmodium glabellum (Michx.) DC. WMJ

Desmodium laevigatum (Nutt.) DC. WJ

Desmodium lineatum DC. WJ

Desmodium marilandicum (L.) DC. W

Desmodium nudiflorum (L.) DC. MJ

Desmodium nuttallii (Schindl.) Schub. W

Desmodium obtusum (Muhl. ex Willd.) DC. W

Desmodium paniculatum (L.) DC. WMJ

- Desmodium pauciflorum* (Nutt.) DC. J
Desmodium rotundifolium DC. W(tex) J
Desmodium sessilifolium (Torr.) Torr. & Gray WM
**Desmodium tortuosum* (Sw.) DC. 0
Desmodium viridiflorum (L.) DC. W
Erythrina herbacea L. WMJ
**Galactia erecta* (Walt.) Vail 0
Galactia macreei M.A. Curtis WJ
Galactia regularis (L.) B.S.P. WJ
Galactia volubilis (L.) Britt. WM
Gleditsia triacanthos L. WMJ
Indigofera miniata Ort. WMJ
Indigofera suffruticosa P. Mill. WJ
Kummerowia striata (Thunb.) Schindl. WJ
 SYN= *Lespedeza striata* (Thunb.) Hook. & Arn.
Lathyrus hirsutus L. WM
Lathyrus pusillus Ell. WJ
Lespedeza bicolor Turcz. J
Lespedeza cuneata (Dumont) G. Don WJ
Lespedeza hirta (L.) Hornem. WM(Turner 1959)J
Lespedeza procumbens Michx. WJ
Lespedeza repens (L.) Bart. WMJ
Lespedeza stuevei Nutt. WM(Turner 1959)
Lespedeza virginica (L.) Britt. W
Lotus unifoliolatus (Hook.) Benth. W
 SYN= *Lotus purshianus* (Benth.) Clem. & Clem.
Lupinus subcarnosus Hook. W*J
Lupinus texensis Hook. WM*J
Medicago arabica (L.) Hudson W
Medicago lupulina L. WJ
**Medicago minima* (L.) L. 0
Medicago polymorpha L. WJ
 SYN= *Medicago hispida* Gaertn.
Medicago sativa L. W
Melilotus albus Medic. W
Melilotus indicus (L.) All. WJ
Melilotus officinalis (L.) Lam. J
Mimosa hystricina (Small ex Britt. & Rose) Turner WMJ
 SYN= *Schrankia hystricina* (Small) Standl.
Mimosa latidens (Small) Turner M(Turner 1959)
Mimosa microphylla Dry. WM
 SYN= *Mimosa ucinata* (Willd.) Turner
 SYN= *Schrankia ucinata* Willd.
Mimosa strigillosa Torr. & Gray WJ
Neptunia lutea (Leavenw.) Benth. WMJ
Neptunia pubescens Benth. var. *microcarpa* (Rose) Windler W
Pediomelum subulatum (Bush) Rydb. OM(Ockendon 1965)
 SYN= *Pediomelum hypogaeum* (Torr. & Gray) Rydb. var. *subulatum* (Bush)
 Grimes
Prosopis glandulosa Torrey WJ
Psoralidium tenuiflorum (Pursh) Rydb. W(Turner 1959)

Pueraria lobata (Willd.) Ohwi W

SYN= *Pueraria montana* (Lour.) Merr. var. *lobata* (Willd.) Maesen & Alm.

Rhynchosia difformis (Ell.) DC. M(Turner 1959)

Rhynchosia latifolia Nutt. ex Torr. & Gray WM(Turner 1959)J

Rhynchosia minima (L.) DC. W*J

Robinia hispida L. W

Robinia pseudo-acacia L. WJ

Senna corymbosa (Lam.) Irwin & Barn. W

Senna marilandica (L.) Link WJ

Senna obtusifolia (L.) Irwin & Barn. M(Turner 1959)J

Senna occidentalis (L.) Link WM*J

Sesbania drummondii (Rydb.) Cory WJ

Sesbania herbacea (P. Mill.) McVaugh WJ

SYN= *Sesbania macrocarpa* Muhl. ex Rafin.

Sesbania vesicaria (Jacq.) Ell. WJ

Strophostyles helvola (L.) Ell. W

Strophostyles leiosperma (Torr. & Gray) Piper WM(Turner 1959)

Strophostyles umbellata (Muhl. ex Willd.) Britt. WM(Turner 1959)

Stylosanthes biflora (L.) B.S.P. WMJ

Tephrosia onobrychoides Nutt. WM(Turner 1959)

Tephrosia virginiana (L.) Pers. W*J

Trifolium bejariense Moric. W

Trifolium campestre Schreb. WM

Trifolium carolinianum Michx. W*J

Trifolium dubium Sibth. WMJ

Trifolium incarnatum L. WMJ

Trifolium lappulaceum L. W

**Trifolium polymorphum* Poir. 0

SYN= *Trifolium amphianthum* Torr. & Gray

Trifolium pratense L. J

Trifolium repens L. WMJ

Trifolium resupinatum L. WJ

Trifolium vesiculosum Savi M

Vicia angustifolia L. W

SYN= *Vicia sativa* L. subsp. *nigra* (L.) Ehrh.

Vicia dasycarpa Ten. W

SYN= *Vicia villosa* Roth subsp. *varia* (Host) Corb.

Vicia leavenworthii Torr. & Gray W

SYN= *Vicia ludoviciana* Nutt. var. *leavenworthii* (Torr. & Gray) Lass. & Gunn.

Vicia ludoviciana Nutt. WM

Vicia minutiflora Dietr. WM(Turner 1959)J

Wisteria frutescens (L.) Poir. J

SYN= *Wisteria macrostachya* Torr. & Gray

Wisteria sinensis (Sims) DC. WJ

FAGACEAE

Castanea pumila (L.) P. Mill. MJ

Castanea alnifolia Nutt. WJ

Fagus grandifolia Ehrh. MJ

Quercus alba L. WM(mercer)J

- Quercus falcata* Michx. WM*J
Quercus incana Bartr. W
Quercus laurifolia Michx. WJ
Quercus lyrata Walt. W
Quercus margarettiae Ashe ex Small WJ
Quercus marilandica Muenchh. WMJ
Quercus michauxii Nutt. WJ
Quercus nigra L. W*J
Quercus pagoda Rafin. WJ
 SYN= *Quercus falcata* Michx. var. *pagodifolia* Ell.
Quercus phellos L. WJ
Quercus shumardii Buckl. WJ
Quercus similis Ashe WM
Quercus sinuata Walt. J
Quercus sinuata Walt. [form 2] W
Quercus stellata Wang. W*J
Quercus velutina Lam. WJ
Quercus virginiana P. Mill. WJ

FUMARIACEAE

- Corydalis micrantha* (Engelm. ex Gray) Gray WM*J
Fumaria officinalis L. M

GENTIANACEAE

- Bartonia texana* Correll *J
Centaurium pulchellum (Sw.) Druce W
Eustoma exaltatum (L.) Salisb. ex G. Don WJ
 SYN= *Eustoma grandiflorum* (Rafin.) Shinners
Sabatia campestris Nutt. WM*J
Sabatia gentianoides Ell. M

GERANIACEAE

- Geranium carolinianum* L. WM(mercer)J
Geranium dissectum L. W

GROSSULARIACEAE

- Itea virginica* L. MJ
Ribes curvatum Small W

HALORAGACEAE

- Myriophyllum aquaticum* (Vell.) Verdcourt WM
 SYN= *Myriophyllum brasiliense* Camb.
Myriophyllum heterophyllum Michx. J
Proserpinaca palustris L. M

HAMAMELIDACEAE

- Hamamelis virginiana* L. WJ
Liquidambar styraciflua L. WMJ

HIPPOCASTANACEAE*Aesculus pavia* L. J**HYDROPHYLLACEAE***Hydrolea ovata* Nutt. ex Choisy WMJ*Nemophila aquatica* (L.) Brumm. WMJSYN= *Nemophila microcalyx* (Nutt.) Fisch. & Mey.*Nemophila phacelioides* Nutt. WJ*Phacelia glabra* Nutt. W*Phacelia hirsuta* Nutt. W*Phacelia patuliflora* (Engelm. & Gray) Gray M**JUGLANDACEAE***Carya alba* (L.) Nutt. ex Ell. WMJSYN= *Carya tomentosa* (Lam. ex Poir.) Nutt.*Carya aquatica* (Michx. f.) Nutt. WMJ*Carya illinoiensis* (Wang.) K. Koch W*Carya myristiciformis* (Michx. f.) Nutt. WJ*Carya ovata* (P. Mill.) K. Koch W*Carya texana* Buckl. WJ*Juglans nigra* L. WMJ**KRAMERIACEAE***Krameria lanceolata* Torrey W**LAMIACEAE***Ajuga reptans* L. W(escaping cult)*Clinopodium brownei* (Sw.) Kuntze WSYN= *Micromeria brownei* (Sw.) Benth.*Hedeoma drummondii* Benth. OM*Hedeoma hispidum* Pursh WM*Hyptis alata* (Rafin.) Shinners J*Lamium amplexicaule* L. W*Lamium purpureum* L. W**Leonotis nepetifolia* (L.) Ait. f. O*Lycopus rubellus* Moench WJ*Lycopus virginicus* L. *J**Mentha piperita* L. O**Mentha spicata* L. O*Monarda citriodora* Cerv. ex Lag. WM*J*Monarda fistulosa* L. W*J*Monarda lindheimeri* Gray M(mercer)*Monarda punctata* L. WMJ*Perilla frutescens* (L.) Britt. J*Physostegia angustifolia* Fern. M(tex)*Physostegia digitalis* Small WMJ*Physostegia intermedia* (Nutt.) Engelm. & Gray W*Physostegia pulchella* Lundell WJ*Prunella vulgaris* L. OHJ*Pycnanthemum albescens* Torr. & Gray WMJ*Pycnanthemum tenuifolium* Schrad. O*J

- Rhododon ciliatus* (Benth.) Epling M(Turner 1995)
Salvia azurea Michx. ex Lam. WJ
Salvia coccinea Buchoz ex Etlinger 0
Salvia lyrata L. WMJ
Scutellaria cardiophylla Engelm. & Gray WJ
Scutellaria drummondii Benth. var. *drummondii* MJ
**Scutellaria elliptica* Muhl. ex Spreng. 0
Scutellaria integrifolia L. WM*J
Scutellaria racemosa Pers. M
Scutellaria ovata Hill J
Scutellaria parvula Michx. WJ
Stachys crenata Rafin. WJ
Stachys floridana Shuttlew. W
Stachys tenuifolia Willd. WM
Teucrium canadense L. var. *canadense* W
Trichostema dichotomum L. WM*J
Warnockia scutellarioides (Engelm. & Gray) M. Turner W
 SYN= *Brazoria scutellarioides* Engelm. & Gray

LAURACEAE

- Cinnamomum camphora* (L.) J. Presl W
Persea borbonia (L.) Spreng. WMJ
Persea palustris (Rafin.) Sarg. J
Sassafras albidum (Nutt.) Nees WMJ

LENTIBULARIACEAE

- Utricularia gibba* L. WM
Utricularia radiata Small M
Utricularia subulata L. W

LINACEAE

- Linum berlandieri* Hook. var. *berlandieri* WM
 SYN= *Linum rigidum* Pursh var. *berlandieri* (Hook.) Torr. & Gray
Linum medium (Planch.) Britt. var. *texanum* (Planch.) Fern. WMJ
Linum striatum Walt. WMJ

LOGANIACEAE

- Mitreola petiolata* (Gmel.) Torr. & Gray WJ
 SYN= *Cynoctonum mitreola* (L.) Britt.
Gelsemium sempervirens (L.) Jaume St.-Hill WMJ
Polypremum procumbens L. WM*J
Spigelia marilandica (L.) L. *J

LYTHRACEAE

- Ammannia coccinea* Rottb. WM
Cuphea carthagenensis (Jacq.) Macbr. MJ
Cuphea glutinosa C. & S. J
Laegerstroemia indica L. WM
Lythrum alatum Pursh var. *lanceolatum* (Ell.) Torr. & Gray ex Rothr. WJ
Rotala ramosior (L.) Koehne W

MAGNOLIACEAE

- Liriodendron tulipifera* L. M
Magnolia grandiflora L. WMJ
Magnolia pyramidata Bartr. *J
Magnolia virginiana L. OMJ

MALVACEAE

- Abutilon theophrasti* Medic. W
Callirhoe involucrata (Torr.) A. Gray W
 **Callirhoe leiocarpa* R.F. Martin O
Hibiscus laevis Allioni WM
 SYN= *Hibiscus militaris* Cav.
Hibiscus moscheutos L. subsp. *lasiocarpus* (Cav.) Blanch. MW
 SYN= *Hibiscus lasiocarpus* Cav.
Malvaviscus arboreus Cav. var. *drummondii* (T. & G.) Schery WMJ
 SYN= *Malvaviscus drummondii* T. & G.
Modiola caroliniana (L.) G. Don W
Sida ciliaris L. W
Sida rhombifolia L. WMJ
Sida spinosa L. W
Sphaeralcea angustifolia (Cav.) G. Don M

MELASTOMATACEAE

- Rhexia mariana* L. var. *marianna* M

MELIACEAE

- Melia azederach* L. W*J

MENISPERMACEAE

- **Calycocarpum lyonii* (Pursh) Gray H
Cocculus carolinus (L.) DC. WJ

MOLLUGINACEAE

- Mollugo verticillata* L. WMJ

MONOTROPACEAE

- Monotropa uniflora* L. H*J

MORACEAE

- Broussonetia papyrifera* (L.) Vent. W
Fatoua villosa (Thunb.) Nakai I
Macfura pomifera (Rafin.) Schneid. WJ
Morus alba L. W
Morus rubra L. WJ

MYRICACEAE

- Morella cerifera* (L.) Small WMJ
 SYN= *Myrica cerifera* L.
 SYN= *Myrica pusilla* Rafin.

Morella caroliniensis (P. Mill.) Small OJ
SYN= *Myrica caroliniensis* P. Mill.
SYN= *Myrica heterophylla* Rafin.

NYMPHAEACEAE

Nuphar lutea (L.) Sm. subsp. *advena* (Ait.) Kart. & Gandhi WM
SYN= *Nuphar lutea* (L.) Sm. subsp. *macrophylla* (Small) Beal
Nymphaea elegans Hook. W
Nymphaea odorata Ait. M(mercier)

NELUMBONACEAE

Nelumbo lutea Willd. M

NYCTAGINACEAE

**Boerhaavia erecta* L. O
Mirabilis jalapa L. W
Mirabilis gigantea (Standl.) Shinners W
Mirabilis albida (Walt.) Heimerl W(Turner 1993)

NYSSACEAE

Nyssa aquatica L. M
Nyssa biflora Walt. J
Nyssa sylvatica Marsh. WJ

OLEACEAE

Chionanthus virginicus L. WMJ
Forestiera ligustrina (Michx.) Poir. WM(Brooks 1977)*J
Fraxinus americana L. WJ
Fraxinus pennsylvanica Marsh. WMJ
Ligustrum japonicum Thunb. W
Ligustrum lucidum Aiton f. WJ
Ligustrum quihoui Carr. W
Ligustrum sinense Lour. WJ

ONAGRACEAE

Calylophus berlandieri Spach subsp. *berlandieri* MJ
SYN= *Calylophus drummondianus* Spach var. *berlandieri* (Spach) Towner & Raven
Calylophus serrulatus (Nutt.) Raven M(Towner 1977)
Gaura brachycarpa Small W
Gaura lindheimeri Engelm. & Gray J
Gaura longiflora Spach WJ
SYN= *Gaura filiformis* Small
Gaura sinuata Ser. W*J
Ludwigia alternifolia L. WMJ
Ludwigia decurrens Walt. WJ
Ludwigia glandulosa Walt. WJ
Ludwigia hirtella Rafin. WM
Ludwigia leptocarpa (Nutt.) Hara W
Ludwigia octovalvis (Jacq.) Raven WJ
Ludwigia palustris (L.) Ell. WI

Ludwigia peploides (Jacq.) Raven WM

Ludwigia pilosa Walt. J

Ludwigia sphaerocarpa Ell. M

Oenothera heterophylla Spach J

Oenothera laciniata Hill WMJ

Oenothera linifolia Nutt. W

Oenothera rhombipetala T. & G. J

Oenothera spachiana Torr. & Gray M

Oenothera speciosa Nutt. WMJ

Oenothera triloba Nutt. W

Stenosiphon linifolius (Nutt. ex James) Heynh. W

OROBANCHACEAE

**Orobanche uniflora* L. H

OXALIDACEAE

Oxalis corniculata L. var. *wrightii* (Gray) Turner WMJ

SYN= *Oxalis dillenii* Jacq. (*sensu* B.L. Turner 1994)

Oxalis corymbosa DC. WJ

SYN= *Oxalis debilis* Kunth var. *corymbosa* (DC.) Lourteig

Oxalis lyonii Pursh WM*J

SYN= *Oxalis priceae* Small

Oxalis rubra St. Hil. W

Oxalis violacea L. W(tex) M(tex)

PAPAVERACEAE

Argemone albiflora Hornem. subsp. *texana* G. Ownbey WM

Sanguinaria canadensis L. *J

PASSIFLORACEAE

Passiflora incarnata L. WMJ

Passiflora lutea L. WJ

Passiflora sp. M

PHYTOLACCACEAE

Phytolacca americana L. WMJ

PLANTAGINACEAE

Plantago aristata Michx. WMJ

Plantago elongata Pursh W

**Plantago hookeriana* Fisch. & Mey. O

Plantago major L. W

Plantago rhodosperma Dcne. W

Plantago virginica L. WJ

PLATANACEAE

Platanus occidentalis L. WMJ

POLEMONIACEAE

Ipomopsis rubra (L.) Wherry WM(Wherry 1966)J

Phlox cuspidata Scheele WM(Wherry 1966)J

Phlox drummondii Hook. WMJ

Phlox pilosa L. WMJ

POLYGALACEAE

Polygala mariana P. Mill. WM

Polygala polygama Walt. WM

Polygala verticillata L. WJ

POLYGONACEAE

Brunnichia ovata (Walt.) Shinners W

SYN= *Brunnichia cirrhosa* Gaertn.

**Eriogonum longifolium* Nutt. 0

**Polygonella americana* (Fisch. & Mey.) Small 0

**Polygonum aviculare* L. 0

Polygonum hydropiperoides Michx. WM

Polygonum lapathifolium L. W

**Polygonum pensylvanicum* L. 0

Polygonum persicaria L. W

Polygonum punctatum Ell. WJ

**Polygonum ramosissimum* Michx. 0

**Polygonum tenue* Michx. 0

Rumex altissimus Wood M(Rechinger 1937)

Rumex crispus L. W

Rumex hastatulus Baldw. WMJ

Rumex pulcher L. WM

Tovara virginiana (L.) Rafin. W

SYN= *Polygonum virginianum* L.

PONTEDERIACEAE

**Pontederia cordata* L. H

POTULACACEAE

Claytonia virginica L. WMJ

Portulaca oleracea L. W

Portulaca pilosa L. WJ

**Portulaca umbraticola* Kunth 0

Talinum parviflorum Nutt. W

PRIMULACEAE

Anagallis arvensis L. WMJ

Centunculus minimus L. WJ

SYN= *Anagallis minima* (L.) Krause

Hottonia inflata Ell. W

Samolus parviflorus Rafin. WMJ

SYN= *Samolus valerandi* L. subsp. *parviflorus* (Rafin.) Hulten

RANUNCULACEAE

Anemone berlandieri Pritzel W

Anemone caroliniana Walt. WJ

- Clematis crispa* L. J
Clematis pitcheri Torr. & Gray *J
Clematis reticulata Walt. WMJ
Clematis ternifolia DC. W
 SYN= *Clematis dioscoreifolia* Levl. & Van.
Delphinium ajacis L. W
Delphinium carolinianum Walt. subsp. *vimineum* (D. Don) M.J. Warnock W
 SYN= *Delphinium vimineum* D. Don
Ranunculus hispidus Michx. var. *nitidus* (Chapm.) T. Duncan M*J
 SYN= *Ranunculus carolinianus* DC.
Ranunculus fascicularis Muhl. ex Bigelow WMJ
Ranunculus macranthus Scheele W
Ranunculus muricatus L. WM
Ranunculus parviflorus L. W
Ranunculus pusillus Poir. W
Ranunculus sardous Crantz WM
Ranunculus sceleratus L. W
Thalictrum dasycarpum Fisch. & Ave-Lall. *J
Xanthorhiza simplicissima Marsh. *J

RHAMNACEAE

- Berchemia scandens* (Hill) K. Koch WMJ
 **Ceanothus americanus* L. OH
 **Ceanothus herbaceus* Rafin. O
Frangula caroliniana (Walt.) Gray WMJ
 SYN= *Rhamnus caroliniana* Walt.

ROSACEAE

- Agrimonia microcarpa* Wallr. WJ
Agrimonia rostellata Wallr. J
Crataegus brachyacantha Sarg. & Engelm. W
Crataegus crus-galli L. WJ
Crataegus engelmannii Sarg. W*J
Crataegus marshallii Egg. WMJ
Crataegus spathulata Michx. WMJ
Crataegus viridis L. WMJ
 **Crataegus warneri* Sarg. W (Sargent 1922)
Duchesnea indica (Andrz.) Focke WJ
Geum canadense Jacq. WMJ
Photinia arbutifolia (Lam.) Robertson & Phipps JM
 SYN= *Pyrus arbutifolia* (Lam.) L.f.
Potentilla simplex Michx. H
Prunus angustifolia Marsh. W
Prunus caroliniana (P. Mill.) Ait. WM (mercer)*J
Prunus gracilis Engelm. & Gray WM
Prunus mexicana S. Wats. WMJ
Prunus serotina Ehrh. WMJ
Prunus unbellata Ell. WMJ
Rosa bracteata Wendl. W
Rosa carolina L. WM
Rosa laevigata Michx. *J

- Rosa setigera* Michx. OM
Rubus argutus Link WMJ
 SYN= *Rubus louisianicus* Berger
Rubus arvensis Bailey W
 SYN= *Rubus saepescandens* Bailey
Rubus trivialis Michx. WJ

RUBIACEAE

- Cephalanthus occidentalis* L. WMJ
Diodia teres Walt. WM*J
Diodia virginiana L. WM
Galium aparine L. W*J
Galium pilosum Aiton WMJ
Galium tinctorium (L.) Scop. WMJ
Galium uniflorum Michx. W
Galium virgatum Nutt. W*J
Hedysotis nigricans (Lam.) Fosb. WJ
Houstonia micrantha (Shinners) Terrell W*J
 SYN= *Hedysotis australis* Lewis & Moore
 SYN= *Hedysotis crassifolia* Raf. var. *micrantha* Shinners
Houstonia pusilla Schoepf WMJ
 SYN= *Houstonia minima* Beck
 SYN= *Houstonia patens* Ell.
 SYN= *Hedysotis crassifolia* Rafin.
Houstonia rosea (Rafin.) Terrell *J
 SYN= *Hedysotis rosea* Rafin.
 SYN= *Hedysotis tayloriae* Fosb.
 SYN= *Houstonia pygmaea* C.H. & M.T. Mueller
Mitchella repens L. WJ
Oldenlandia boscii (DC.) Chapm. W
Oldenlandia uniflora L. WJ
Richardia scabra L. WJ
Sherardia arvensis L. WM
Spermacoce glabra Michx. W

RUTACEAE

- Poncirus trifoliata* (L.) Rafin. WMJ
 SYN= *Citrus trifoliata* L.
Ptelea trifoliata L. WJ
Zanthoxylum clava-herculis L. WMJ

SALICACEAE

- Populus deltoides* Bartr. ex Marsh. WJ
Salix nigra Marsh. WM

SAPINDACEAE

- Cardiospermum halicacabum* L. W
Koelreuteria paniculata Laxm. W
Sapindus drummondii Hook. & Arn. WJ
 SYN= *Sapindus saponaria* L. var. *drummondii* (Hook. & Arn.) L. Benson
 **Ungnadia speciosa* Endl. O

SAPOTACEAE

Sideroxylon lanuginosum Michx. WMJ
 SYN= *Bumelia lanuginosa* (Michx.) Pers.

SAURURACEAE

Saururus cernuus L. WMJ

SAXIFRAGACEAE

Lepuropetalon spathulatum Ell. H
Saxifraga texana Buckl. W

SCROPHULARIACEAE

Agalinis fasciculata (Ell.) Rafin. WM
Agalinis gattingeri (Small) Small W
Agalinis heterophylla (Nutt.) Small ex Britt. WJ
Agalinis purpurea (L.) Penn. W*J
Agalinis viridis (Small) Penn. MJ
Aureolaria virginica (L.) Pennell J
 SYN= *Aureolaria dispersa* (Small) Penn.
Aureolaria grandiflora (Benth.) Penn. MJ
Bacopa caroliniana (Walt.) B. Robins. M
Bacopa monnieri (L.) Pennell WMJ
Bellardia trixago (L.) Allm. M(Do et al. 1996)
Castilleja indivisa Engelm. WM*J
Gratiola brevifolia Rafin. HMJ
Gratiola neglecta Torrey W
Gratiola virginiana L. WJ
Lindernia anagallidea (Michx.) Penn. W
Mecardonia acuminata (Walt.) Small *J
Mecardonia procumbens (P. Mill.) Pennell W*J
 SYN= *Mecardonia vandellioides* auct. non (Kunth) Pennell.
Micranthemum umbrosum (Gmel.) Blake WJ
Mimulus alatus Ait. WJ
Nuttallanthus canadensis (L.) D.A. Sutton WJ
 SYN= *Linaria canadensis* (L.) Don
Nuttallanthus texanus (Scheele) D.A. Sutton WM*J
 SYN= *Linaria texana* Scheele
Pedicularis canadensis L. WJ
Penstemon cobaea Nutt. W
Penstemon digitalis Nutt. ex Sims W
Penstemon laxiflorus Penn. WMJ
 SYN= *Penstemon australis* Small subsp. *laxiflorus* (Penn.) Bennett
Penstemon murrayanus Hook. OJ
Scoparia dulcis L. WMJ
Verbascum blattaria L. W
Verbascum thapsus L. WJ
Verbascum virgatum Stokes W
Veronica agrestis L. H
Veronica arvensis L. W*J
Veronica peregrina L. WJ
Veronica persica Poir. M

SOLANACEAE

- Callibrachoa parviflora* (Juss.) D'Arcy W
 SYN= *Petunia parviflora* Juss.
Capsicum annuum L. W
 **Datura stramonium* L. 0
 **Physalis angulata* L. 0
Physalis heterophylla Nees WJ
 **Physalis pubescens* L. 0
 **Physalis pumila* Nutt. 0
 **Physalis virginiana* Mill. 0
Physalis viscosa L. var. *cinerascens* (Dun.) Waterf. WJ
Solanum carolinense L. WMJ
Solanum dimidiatum Rafin. WJ
Solanum elaeagnifolium Cav. W
Solanum lycopersicum (L.) Karst. ex Farw. W
 SYN= *Lycopersicon esculentum* P. Mill.
Solanum pseudocapsicum L. J
Solanum ptycanthum Dun. ex DC. WMJ
 SYN= *Solanum nigrum* L. auct.
 SYN= *Solanum americanum* Mill. auct.
Solanum rostratum Dunal 0MJ

SPHENOCLEACEAE

- Sphenoclea zeylandica* Gaertn. W

STERCULIACEAE

- Firmiana simplex* (L.) W. Wight W

STYRACACEAE

- Halesia diptera* Ellis WMJ
Styrax americanus Lam. WJ

SYMPLOCACEAE

- Symplocos tinctoria* (L.) L'Herit. MJ

TILIACEAE

- Tilia americana* L. WMJ
 SYN= *Tilia caroliniana* P. Mill.
 SYN= *Tilia americana* L. var. *caroliniana* (P. Mill.) Castigl.

ULMACEAE

- Celtis laevigata* Willd. WMJ
Celtis tenuifolia Nutt. W
Planera aquatica Gmel. W
Ulmus alata Michx. WJ
Ulmus americana L. WMJ
Ulmus crassifolia Nutt. WMJ
Ulmus rubra Muhl. W

URTICACEAE

- Boehmeria cylindrica* (L.) Sw. WJ
Parietaria pensylvanica Muhl. ex Willd. W
 **Pilea pumila* (L.) Gray 0
 **Urtica chamaedryoides* Pursh 0
 **Urtica urens* L. 0

VALERIANACEAE

- Valerianella amarella* (Lindh. ex Engelm.) Krok. WJ
Valerianella radiata (L.) Dufr. WM
Valerianella stenocarpa (Engelm. ex Gray) Krok W*J

VERBENACEAE

- Callicarpa americana* L. WMJ
Glandularia bipinnatifida (Nutt.) Nutt. W
 SYN= *Verbena bipinnatifida* Nutt.
Glandularia canadensis (L.) Nutt. WM
 SYN= *Verbena canadensis* (L.) Britt.
Glandularia pulchella (Sweet) Tronc. MJ
 SYN= *Verbena tenuisecta* Briq.
Lantana camara L. WJ
Phyla nodiflora (L.) E. Greene WM*J
Phyla lanceolata (Michx.) Greene HM
Phryma leptostachya L. WJ
Verbena bonariensis L. W
Verbena brasiliensis Vell. WMJ
Verbena halei Small WMJ
Verbena rigida Spreng. WMJ
Verbena urticifolia L. W
Verbena xutha Lehm. WMJ
Vitex agnus-castus L. W

VIOLACEAE

- Viola affinis* Le Conte WM*J
 SYN= *Viola sororia* Willd. var. *missouriensis* (Greene) McKinney
 SYN= *Viola missouriensis* Greene
 SYN= *Viola langloisii* Greene
Viola bicolor Pursh W
 SYN= *Viola rafinesquii* Greene
Viola lanceolata L. var. *lanceolata* *J
Viola lanceolata L. var. *vittata* (Greene) Russell M
 SYN= *Viola vittata* Greene
Viola palmata L. *J
 SYN= *Viola triloba* Schwein. var. *dilatata* (Ell.) Brainerd
Viola pedata L. W*J
Viola primulifolia L. J
Viola sagittata Ait. WJ
 SYN= *Viola triloba* Schwein. var. *triloba*
Viola walteri House WJ

VISCACEAE*Phoradendron tomentosum* (DC.) A. Gray W*JSYN= *Phoradendron serotinum* (Raf.) M.C. Johnston var. *pubescens* (Engelm.) M.C. Johnston**VITACEAE***Ampelopsis arborea* (L.) Koehne WJ*Ampelopsis cordata* Michx. W*Cissus trifoliata* (L.) L. WSYN= *Cissus incisa* auct. non Des Moulins*Parthenocissus quinquefolia* (L.) Planch. WMJ*Vitis aestivalis* Michx. var. *aestivalis* W*J*Vitis aestivalis* Michx. var. *lincecumii* (Buckl.) Munson WSYN= *Vitis lincecumii* Buckley*Vitis cinerea* (Engelm.) Millard WJ*Vitis mustangensis* Buckley WJ*Vitis palmata* Vahl WJ*Vitis rotundifolia* Michx. WMJ*Vitis vulpina* L. WJ**ZYGOPHYLLACEAE****Tribulus terrestris* L. 0**REJECTED or DOUBTFUL***Calylophus serrulata* (Nutt.) Raven 0, probably = *Calylophus drummondii**Croton floridanus* Ferguson 0, = ?*Crotonopsis linearis* Michx. 0, probably = *Croton willdenowii**Forestiera pubescens* Nutt. H, probably = *Forestiera ligustrina**Gutierrezia texana* (DC.) Torr. & Gray 0, probably = *Amphiachyris dracunculoides**Helianthus cucumerifolius* T. & G. 0, = *Helianthus debilis**Oenothera jamesii* T. & G. 0, = ?*Palafoxia callosa* (Nutt.) T. & G. P, probably = *Palafoxia rosea**Parthenium hispidum* Rafin. 0, probably = *Parthenium hysterophorus**Rhynchospora mixta* Britt. ex Small H, = ?*Rumex mexicanus* Meisn. 0, = ?*Rumex obtusifolius* L. 0, probably = *Rumex pulcher**Sagittaria lancifolia* L. H = perhaps *S. platyphylla* (Engelm.) J.G. Sm.*Tradescantia subacaulis* Bush H, = ?*Tridens nutiticus* (Torr.) Nash 0, probably = *Tridens strictus**Yucca arkansana* Trel. OH, probably = *Yucca louisianensis*